

AD-A131 195 INDIAN MOUNTAIN AFS ALASKA REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBS..(U) AIR FORCE ENVIRONMENTAL  
TECHNICAL APPLICATIONS CENTER SCOTT A. JUN 83  
UNCLASSIFIED USAFETAC/DS-83/023 SBI-AD-E850 400 F/G 4/2

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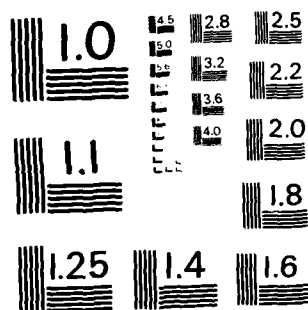
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USAFETAC/DS-83/023 SBI-AD-E850 400

F/G 4/2

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DATA PROCESSING DIVISION  
USAFETAC  
Air Weather Service ( MAC )

REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBSERVATIONS

FORM 15 1963

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM																
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17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)																		
18. SUPPLEMENTARY NOTES																		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperatures</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative Humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>				*RUSSWO	Daily temperatures	Atmospheric pressure	Snowfall	Extreme snow depth	Extreme surface winds	Climatology	Sea-level pressure	Psychrometric summary	Surface Winds	Extreme temperature	Ceiling versus visibility	Relative Humidity	*Climatological data	(over)
*RUSSWO	Daily temperatures	Atmospheric pressure																
Snowfall	Extreme snow depth	Extreme surface winds																
Climatology	Sea-level pressure	Psychrometric summary																
Surface Winds	Extreme temperature	Ceiling versus visibility																
Relative Humidity	*Climatological data	(over)																
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) <p>This report is a six-part statistical summary of surface weather observations for INDIAN MOUNTAIN AFB, ALASKA</p> <p>It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (Daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric (over)</p>																		

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19. Percentage frequency of distribution tables  
Dry-bulb temperature versus wet-bulb temperature  
Cumulative percentage frequency of distribution tables

\*ALASKA

\*INDIAN MOUNTAIN APT

20. Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb and dew point temperatures and relative humidity; and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurring tables.

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USAFIP-40-LS-88-223

NDE 850 400

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The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.



U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

## REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

### HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

### DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

### DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

#### PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

#### PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

#### PART C SURFACE WINDS

#### PART D CEILING VERSUS VISIBILITY

SKYCOVER

#### PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV .  
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

#### PART F STATION PRESSURE

SEA LEVEL PRESSURE

### STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

### MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY \_\_\_\_\_

FEBRUARY \_\_\_\_\_

MARCH \_\_\_\_\_

APRIL \_\_\_\_\_

MAY \_\_\_\_\_

JUNE \_\_\_\_\_

JULY \_\_\_\_\_

AUGUST \_\_\_\_\_

SEPTEMBER \_\_\_\_\_

OCTOBER \_\_\_\_\_

NOVEMBER \_\_\_\_\_

DECEMBER \_\_\_\_\_



STATION NO ON SUMMARY		STATION NAME		LATITUDE		LONGITUDE		STATION ELEV (FT)		CALL SIGN		WMO NUMBER	
701730		INDIAN MOUNTAIN ALASKA AFS		N 66 00		W 153 42		1220		DUTY		70173	
<b>STATION LOCATION AND INSTRUMENTATION HISTORY</b>													
NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY				
			FROM	TO			STATION (FT)	TYPE BAROMETER					
1	Utopia Creek AFS Alaska	AFS	Jul 51	Feb 59	N 66 03	W 153 45	1378	1075	10 to 24				
2	No Change	AFS	Mar 59	Feb 61	No Change	No Change	1285	No Change	No to 24				
3	No Change	AFS	Mar 61	Feb 64	N 66 00	W 153 42	No Change	No Change	10 to 24				
4	Indian Mountain AFS Alaska	AFS	Mar 64	Dec 70	No Change	No Change	1230	946Ft	10 to 24				
5	Same	AFS	Jan 71	Feb 83	Same	Same	1220	Same	24				

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Aug 51 to 15 Jun 54	Located 490 ft E of observation point.	AN/GM-1	ML-204B	10Ft	
2	16 Jun 54 to Feb 55	Located 150 ft SE of observation point.	No Change	No Change	No Chg	
3	Mar 55 to Feb 60	Located top of Bldg 150 ft from Rnwy touchdown point.	No Change	No Change	20Ft	
4	Mar 60 to 30 Jan 67	Located 1300 ft S of station, 700ft from touchdown point of Rnwy.	AN/GM-1	None	13Ft	
5	31 Jan 67 to 21 Sep 69	No Change	No Change	RO-2A	14Ft	
6	22 Sep 69 to Dec 70	No Change	No Change	RO-362	No Chg	
7	Feb 83	Same	Same	Same	Same	



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A

## PART A

## WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse



Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.



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USAFETAC  
AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

701730 INDIAN MOUNTAIN AFS AK

73-82

JAN

STATION

STATION NAME

YEARS

MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS 1-24	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	00-02		.2	.1	16.0		16.0	6.8	.1	3.6		10.3	808
	03-05		.5	.1	16.3		16.5	6.1		3.2		9.4	866
	06-08		.3		20.0		20.0	7.8		3.9		11.6	888
	09-11		.1		17.8		17.8	10.9	.5	2.4		13.5	888
	12-14				18.3		18.3	10.2	.3	2.1		12.2	865
	15-17		.1		20.3		20.4	10.9	.7	2.1		13.2	725
	18-20			.4	17.3		17.5	5.8	.2	3.0		8.7	504
	21-23		.2		12.4		12.4	3.3		3.5		6.8	518
TOTALS			.2	.1	17.3		17.4	7.7	.2	3.0		10.7	6082



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## WEATHER CONDITIONS

7 1730 INDIAN MOUNTAIN AFS AK  
STATION STATION NAME

73-82  
YEARS

FEB  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LIST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN S. OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
FEB	00-02		.9	.1	14.5		15.5	4.4	.3	1.8		6.5	788
	03-05		1.0	.1	15.7		16.6	5.0		2.2		7.2	835
	06-08		.1	.4	16.5		17.0	5.4	.2	1.9		7.5	835
	09-11		.5	.4	13.3		14.2	5.1	.7	1.0		6.7	839
	12-14		.2	.2	12.5		13.0	3.6	.7	1.7		6.0	837
	15-17		.6	.7	13.8		14.8	3.1	.7	2.1		6.0	805
	18-20		.5	.9	12.5		13.1	2.9	.2	1.5		4.5	551
	21-23		.2	.2	13.5		13.9	1.1		2.1		3.2	533
TOTALS			.5	.4	14.0		14.8	3.8	.4	1.8		6.0	6023



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## WEATHER CONDITIONS

7 1730

INDIAN MOUNTAIN AFS AK

73-82

MAC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAR	00-02				21.5		21.5	4.6		2.6		7.1	930
	03-05				22.4		22.4	4.6		2.8		7.2	930
	06-08				25.9		25.9	8.3		2.8		10.9	930
	09-11				26.9		26.9	8.8	.1	3.7		12.4	930
	12-14				24.6		24.6	6.9		3.7		10.1	930
	15-17				22.7		22.7	7.7		3.1		10.5	928
	18-20				22.0		22.0	10.6		2.9		13.1	715
	21-23				21.6		21.6	7.9		2.9		10.8	733
TOTALS					23.5		23.5	7.5	.0	3.1		10.3	7026



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## WEATHER CONDITIONS

701730  
STATION

INDIAN MOUNTAIN AFS AK  
STATION NAME

73-82  
YEARS

APR  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS 15	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
APR	00-02		.7		17.4		17.7	4.5		.4		4.9	894
	03-05		.6		18.2		18.8	5.0		.7		5.6	897
	06-08		.7		20.3		20.8	6.6		1.3		7.9	897
	09-11		1.3		17.2		17.9	3.7		.3		3.8	895
	12-14		1.6		13.8		14.3	2.1				2.1	897
	15-17		1.7		14.4		15.6	2.7		.3		3.1	883
	18-20		1.5	.2	14.1		15.6	3.2		.5		3.7	589
	21-23		1.1		17.1		18.2	4.6				4.6	637
TOTALS			1.2	.3	16.6		17.4	4.1		.4		4.5	6589



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USAFETAC  
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

701730  
STATION

I DIAN MOUNTAIN AFS AK  
STATION NAME

73-82  
YEARS

MAY  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAY	0-01		3.4		1.9		5.2	1.1				1.1	907
	02-05		3.3		2.5		5.6	2.2				2.2	909
	06-08		4.7		2.9		7.3	3.1				3.1	910
	09-11		5.2	.2	2.9		7.7	2.3				2.3	910
	12-14		6.5		1.4		7.9	1.7				1.7	909
	15-17		5.6		1.1	.1	6.6	.9				.9	806
	18-20		3.8		.8	.2	4.7	.2				.2	660
	21-23		4.4		1.7		6.0	1.0				1.0	701
TOTALS			4.6	.0	1.9	.0	6.4	1.6				1.6	6712



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AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

7 173L STATION INDIAN MOUNTAIN AFS AK 73-82 YEARS JUN MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS OUT	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HALE	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBS* TO VISION	TOTAL NO. OF OBS
JUN	00-02		11.1		1.0		11.9	3.7	.2			4.0	827
	03-05		10.6		.8		11.1	5.0				1.0	868
	06-08		14.5		.6		14.7	6.3	.2			6.6	882
	09-11	.1	16.6		.2		16.6	3.0	.3			3.3	875
	12-14	1.3	18.4				18.4	1.7	.5			2.2	965
	15-17	.4	13.9				13.9	1.0	.3			1.3	790
	18-20	.6	16.0				16.0	2.0	.1			2.1	717
	21-23	.3	13.7		.1		13.7	2.7	.3			3.0	673
TOTALS		.3	14.4		.3		14.5	3.2	.2			3.4	6497





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## WEATHER CONDITIONS

7 1730  
STATION

INDIAN MOUNTAIN AFS AK  
STATION NAME

73-82  
YEARS

JUL  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS EST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JUL	00-02		11.5				11.5	4.8	.2			5.0	835
	03-05		14.7				14.7	6.8	.7			7.4	900
	06-08	.2	15.4				15.4	6.7	1.9			8.6	900
	09-11	.1	15.3				15.3	4.6	1.3			5.9	900
	12-14	1.0	15.9				15.9	2.8	1.2			4.0	901
	15-17	1.5	17.0				17.0	2.6	.9			3.5	745
	18-20	.5	16.6				16.6	3.2	1.0			4.1	603
	21-23	.3	14.3				14.3	4.2	.5			4.7	574
TOTALS		.5	15.1				15.1	4.5	1.0			5.4	6358



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## WEATHER CONDITIONS

7 173 INDIAN MOUNTAIN AFS AK  
STATION STATION NAME

73-82

YEARS

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LS*	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
AUG	00-02		16.9				16.9	6.0	1.5			7.6	895
	03-05	.2	15.9				15.9	10.8	1.5			12.2	923
	06-08	.3	16.8		.1		18.9	13.7	1.6			15.3	924
	09-11	.1	16.9		.2		19.2	8.4	1.7			17.2	924
	12-14	.2	16.1				16.1	5.4	1.5			6.9	924
	15-17	.3	17.7				17.7	3.9	.8			4.7	916
	18-20	.1	13.2			.1	13.2	2.1	.9			3.0	698
	21-23		11.4				11.4	2.9	1.5			4.4	686
TOTALS		.2	16.1		.0	.0	16.2	6.7	1.4			8.0	6890



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## WEATHER CONDITIONS

701730 INDIAN MOUNTAIN AFS AK

73-82

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
SEP	00-02		15.4		7.0		21.3	6.7		.2		7.7	830
	03-05		14.4		6.2		19.6	9.8	.1	.3		10.2	886
	06-08		10.6	.2	7.2		22.2	13.7	.3	.2		14.0	851
	09-11		16.7		7.2		23.1	9.0	.1	.2		9.2	890
	12-14		15.9		6.7		22.0	4.5				4.5	894
	15-17		17.7		6.5		23.7	3.9				3.9	861
	18-20		12.6	.1	6.5		19.2	5.9				5.9	709
	21-23		12.7		8.1		20.2	4.3				4.3	652
TOTALS			15.3	.0	6.9		21.4	7.2	.1	.1		7.3	6613



2

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

701730  
STATION

INDIAN MOUNTAIN AFB AK  
STATION NAME

73-82  
YEARS

OCT  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS EST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
OCT	00-02		2.0		26.8		28.4	10.0		3.1		12.7	916
	03-05		2.0		28.3		30.2	10.6		3.2		13.4	918
	06-08		1.5	.2	29.4		30.7	12.1		2.9		14.4	918
	09-11		1.5	.1	31.3		32.5	11.0		3.5		14.5	919
	12-14		1.2		30.5		31.6	8.7		2.7		11.4	921
	15-17		2.4		32.7		34.6	9.0		2.0		11.0	966
	18-20		3.1		27.8		30.5	9.7		3.1		12.8	619
	21-23		3.4	.3	27.3		30.2	8.7		3.5		12.3	652
TOTALS			2.1	.1	29.3		31.1	10.0		3.0		12.6	6731





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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

7 1730  
STATION

INDIAN MOUNTAIN AFS AK  
STATION NAME

73-82

YEARS

NOV  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
NOV	00-01		.7		28.1		28.7	8.5		3.7		11.5	987
	03-05		.6	.1	29.2		29.8	10.1		3.9		13.1	988
	06-08		.2	.1	30.1		30.4	11.9		4.1		14.6	988
	09-11		.2		30.4		30.6	11.8		3.3		13.9	987
	12-14		.2	.2	27.2		27.2	10.8		2.9		13.0	989
	15-17		.2		29.4		29.6	11.3		2.2		13.0	955
	18-20		.3		28.0		28.0	11.0		2.2		13.1	675
	21-23		.9		28.1		29.0	10.0		4.0		13.5	669
TOTALS			.4	.1	26.8		29.2	10.6		3.3		13.2	6638



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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFW WEATHER SERVICE/MAC

## WEATHER CONDITIONS

7 1730 INDIAN MOUNTAIN AFS AK 73-82 DEC  
STATION STATION NAME YEARS MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
DEC	0-02				22.2		22.2	7.5		3.9		11.3	583
	3-05				19.8		19.8	7.3		3.6		10.9	908
	06-08			.1	23.2		23.3	6.4		4.4		10.7	913
	09-11				24.0		24.0	8.9		3.7		12.2	915
	12-14				23.4		23.4	7.5	.2	4.0		11.5	896
	15-17				22.8		22.8	7.9		2.3		10.2	933
	18-20				23.1		23.1	7.7		3.8		11.4	687
	21-23				25.1		25.1	6.1		3.4		9.1	706
TOTALS			.3		23.0		23.0	7.4	.0	3.6		10.9	6741





GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

701730 INDIAN MOUNTAIN AFS AK  
STATION

73-82  
YEARS

ALL  
MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS OBS	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	ALL		.2	.1	17.3		17.4	7.7	.2	3.0		10.7	6082
FEB			.5	.4	14.0		14.8	3.8	.4	1.8		6.3	6023
MAR					23.5		23.5	7.5	.0	3.1		10.3	7026
APR			1.2	.5	16.6		17.4	4.1		.4		4.5	6589
MAY			4.0	.0	1.9	.0	6.4	1.6				1.6	6712
JUN		.3	14.4		.3		14.5	3.2	.2			3.4	6497
JUL		.5	15.1				15.1	4.5	1.0			5.4	6358
AUG		.2	10.1		.0	.0	16.2	6.7	1.4			8.7	6890
SEP			15.3	.0	6.9		21.4	7.2	.1	.1		7.3	6613
OCT			7.1	.1	29.3		31.1	10.0		3.0		12.8	6731
NOV			.4	.1	28.8		29.2	10.6		3.3		13.2	6638
DEC				.0	20.0		23.0	7.4	.0	3.6		10.9	6741
TOTALS		.1	5.0	.1	13.3	.0	19.2	6.2	.3	1.5		7.8	76900



## PART A

## ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than  $\frac{5}{8}$  mile.



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/VAC

XX WEATHER CONDITIONS XX  
XXXXXXXXXXXXXXXXXXXXXXXXXXXX  
ATMOSPHERIC PHENOMENA

7 1737 INDIAN MOUNTAIN AFS AK 63-82 ALL  
STATION STATION NAME YEARS MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM DAILY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	DAILY		1.0	.8	39.9		39.9	25.4	.4	10.6		72.7	489
FEB			2.4	1.2	47.6		48.1	20.9	1.0	14.1		31.3	412
MAR			1.1		48.8		49.5	22.6	.6	8.5		25.1	469
APR			5.5	.6	48.8		49.5	19.2		6.2		71.7	469
MAY			32.5	.2	15.1	.8	40.8	8.8		.2		6.8	572
JUN		7.7	55.0		2.5	1.5	55.9	11.5	3.6			14.9	478
JUL		6.8	57.6		.2	.4	57.6	19.8	6.6			25.7	514
AUG		2.3	62.9		.6	.4	62.9	31.2	6.2			36.3	529
SEP		.2	43.2	.4	23.2	.4	57.5	27.0	.2	1.6		29.0	489
OCT			11.4	.9	64.5		68.0	36.3		11.4		44.4	543
NOV			3.2	1.6	62.1		62.3	32.7	.2	15.4		41.5	571
DEC			1.3	.8	52.5		52.5	27.1	.4	17.5		39.9	531
TOTALS		1.4	23.3	.5	33.6	.3	53.7	23.5	1.6	7.1		29.5	5926



U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

## PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (\*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	"00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	"0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (\*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

Values for means and standard deviations do not include occurrences of zero or less than zero.



- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (\*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800LST
Jan 46-May 57	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT



CLIMATE CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
(FROM DAILY OBSERVATIONS)

101700 1. IAN MOUNTAIN AFS AK

59-80

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02	05	06	10	11	25	26	50	51	100			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01 04	05 14	15 24	25 34	35 44	45 54	65 104	105 154	155 254	255 304	OVER 50 4					
SNOW DEPTH	NONE	TRACE	1	2	3	4	7	12	13	24	25	36	37	48	49	60	61	120
JAN	56.4	17.1	4.5	5.6	4.7	5.5	7.1	1.0	.7					26.7	619	1.12	3.51	.02
FEB	1.4	22.2	5.2	1.4	5.4	3.9	7.1	.4						27.4	559	.72	1.82	TRACE
MAR	1.4	21.2	4.1	11.0	4.6	4.8	1.0	1.1	.7					27.4	525	.92	4.03	.04
APR	4.3	21.1	5.5	10.2	7.7	6.4	1.5	1.0	.4					27.2	657	1.1	4.3	.01
MAY	57.8	21.5	4.4	5.6	7.3	3.5	1.5	.5						20.0	660	1.05	1.75	TRACE
JUN	1.3	20.0	4.1	13.7	4.4	9.4	4.1	1.7	.6					32.1	630	1.30	3.56	.05
JUL	2.2	16.6	4.7	11.1	7.2	10.7	6.0	2.8	.9					44.0	676	2.54	5.54	.45
AUG	23.1	14.1	5.7	1.4	5.0	12.8	7.4	5.0	1.1					47.5	665	2.47	8.0	.11
SEP	1.5	20.4	4.6	8.4	5.5	9.7	6.7	2.9	.6	.3				31.0	631	2.00	5.16	.19
OCT	2.0	25.7	6.8	12.3	7.7	9.7	4.3	1.5	.6					42.3	657	1.73	4.49	TRACE
NOV	3.0	23.7	6.5	10.8	7.4	5.8	2.9	1.1	.5					37.7	650	1.35	4.56	.03
DEC	40.0	20.8	4.5	11.7	6.9	5.5	7.1	1.2	.1					33.2	669	1.21	3.51	.03
ANNUAL	44.2	20.8	5.0	10.6	5.3	7.5	3.7	1.3	.4	.0				34.4	77171	1.17		



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CENTRAL CLIMATOLOGY BRANCH  
ETAC  
WEATHER SERVICE/MAC

# EXTREME VALUES

PRECIPITATION

FROM DAILY OBSERVATIONS

011710 INDIAN MOUNTAIN AFB AK  
STATION NAME

59-92

YEARS

## 24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
59				.12	.23	.32	1.22	1.77	.64	.45	.35	.13	
60	.02	.25	.03	.16	.76	.30	.59	.74	1.00	.24	.52	.07	1.05
61	.14	.78	.02	.51	.50	.35	.90	.90	1.77	1.32	.36	.66	1.70
62	2.10	.37	.06	1.49	.44	.10	.39	.90	1.94	.31	.07	.34	2.10
63	.41	.11	1.02	.40	.67	1.49	1.09	.99	.50	.93	.02	.19	1.49
64	.00	.36	.07	.47	TRACE				*	.52	.23	.03	
65	.10	.03*	.43	1.05*	.10*	.05*	.30*	.04		*	.39*	.01	
66	.00	.49	.09	.14	.31	1.17	.40*	.52*	.13*	TRACE			
67			*	.24	.17	.49	1.10*	.20*	.10*	TRACE			
68							*	.20	.11	.09	.13	1.72	
69	.10	.77	.09	.75	.23	.25	.57	1.66	.47	.12	.10	.10	1.66
70	.11	.57	.15	.20	.20	1.23	.55	.54	.40	.20	1.51	.64	1.51
71	.27	.25	.00	.07	.17	.61	.75	.56	.42	1.34	.24	.59	1.34
72	1.20	.01	.34	.10	.15	.72	.29	.60	.35	1.15	.12	.20	1.25
73	.10	.06	.26	.19	.17	.45	.49	.51	.45	.41	1.32	.45	1.72
74	.04*	.73	.16	.04*	.00*	.22*	.47	.69*	.54	.54	.58	.18	.69
75	.01	.11	.10	.40*	.41	.07	.50	1.24	.52	.50*	.21*	.20	1.24
76	.17	.69	.29	.07	1.00	.39	.70	.82	.50	.43	.34	.30	1.00
77	.07	.22	.00	.10	.24	.20	.66	1.30	3.20	.29	.13	.27	3.00
78	.20	.21	.09	.01	.10	1.21	.73*	1.74	.27	.00	.53	.23	1.21
79	.10	TRACE	.07	1.00	.01	.85	.34	.50	.45	.37	.42	.01	1.00
80	.00	.17	.10	.14	.34	.91	.45	.32	.40	.56	.26	.10	.91
81	.02	.30	.10	.00	.00	.67	1.13	.34	.40	.33	.66	.10	1.13
82	.41	.43	.47	.57	.20	.37	1.04	1.42	.76	.55	.61	.20	1.42
83													
84													
85													
86													
87													
88													
89													
90													
91													
92													
MEAN	.400	.253	.077	.411	.321	.544	.694	.343	.797	.970	.417	.155	1.100
S D	.500	.176	.032	.420	.254	.392	.286	.381	.707	.367	.395	.264	.337
TOTAL OBS	010	059	023	067	065	030	076	065	071	057	050	069	7717

NOTE: \* BASED ON LESS THAN FULL MONTH(S)

USAF ETAC FORM 0-88-5 (OLA)



01710	SHIAN MOUNTAIN, AFB, TX
STATION	STATION NAME

YEARS

FROM SAULT STE. MARIE, ONT.

TOTAL MONTHLY PRECIPITATION IN INCHES

USAF ETAC FORM 0-88-5 (OLA)



NATIONAL CLIMATOLOGY BRANCH  
WASH DC  
WEATHER SERVICE INAC

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
SNOWFALL  
(FROM DAILY OBSERVATIONS)

710 INDIAN MOUNTAIN AFB AR  
STATION

52-62

STATION NAME

YEARS

		AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)								
PRECIP	NONE	TRACE	01	02	05	06	10	11	25	26	50	51	100	101	250			251	500	501	1000	1001	2500	OVER 2000	MEAN	GREATEST
SNOWFALL	NONE	TRACE	01	04	05	14	15	24	25	34	35	44	45	64	65	104	105	154	155	254	255	504	OVER 504			
SNOW DEPTH	NONE	TRACE	1	2	3	4	6	7	12	13	24	25	36	37	48	49	60	61	70	OVER 70						
JAN	51.4	17.4	3.4	1.7	7.2	2.1	1.1	.3	1.5					.3		26.2	619	15.7	45.7							
FEB	11.4	19.9	11.4	11.3	2.9	2.3	.5	1.3	.2	.2						29.7	559	9.9	25.9	TRACE						
MAR	11.2	11.0	10.4	6.6	3.7	1.7	.8	1.5	1.1							27.6	651	12.7	44.9	TRACE						
APR	43.9	10.7	10.4	7.8	4.0	1.5	1.5	.9	.4	.3	.1					29.5	668	17.5	44.1							
MAY	11.2	10.2	4.1	1.5	.7	.1	.3		.1							5.9	683	1.3	15.4							
JUN	7.5	1.9	.3	.2												.5	670	TRACE	.3							
JUL	10.2																678	.3	.3							
AUG	19.1	.9		.1												.1	641	TRACE	.9							
SEP	7.9	13.1	1.9	1.5	1.7	.5		.5	.7							5.2	631	7.9	16.1							
OCT	34.7	26.3	15.1	12.4	5.1	2.3	1.3	1.3	.4	.3	.7					39.1	670	17.9	47.1	TRACE						
NOV	11.9	21.2	14.1	13.8	5.1	2.3	2.2	1.1	.3	.3						46.0	645	17.3	45.6	1.2						
DEC	45.7	10.1	12.7	11.4	4.2	3.7	.9	1.0	.6	.3						34.1	669	14.3	35.1	2.3						
ANNUAL	5.5	14.2	7.7	6.6	2.1	1.4	.7	.7	.5	.1	.1					25.3	7785	107.5								



2

SPRING FALL

FROM DAILY OBSERVATIONS

52-22

YEARS

## 24 HOURS AMOUNTS IN INCHES

NOTE - (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)



2

FROM DAILY OBSERVATIONS

59-E2

•EABs

[illegible]

NOTE: \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)



ALBUQUERQUE BRANCH  
USAFETAC  
AIR WEATHER SERVICE/AMC

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
SNOWFALL  
(FROM DAILY OBSERVATIONS)

STATION INDIAN MOUNTAIN AFB AR  
STATION

59-80

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	.		10.3	5.4	4.4	5.2	15.7	35.7	14.	6.2	.7	.9		99.3	716			
FEB	.		3.9	5.6	8.9	7.0	16.8	37.9	9.2	12.0	.3	.3		99.4	642			
MAR			1.1	3.4	4.8	13.3	19.5	32.1	15.8	4.8	1.4	1.0		100.0	713			
APR	.	.4	5.5	5.9	1.8	6.9	12.0	39.3	17.9	1.1	.8	1.3		98.3	720			
MAY	.	10.3	5.9	2.6	1.9	3.2	10.7	9.7	1.4					40.3	741			
JUN	7.1	2.9													719			
JUL	100.0														741			
AUG	100.0														742			
SEP	57.7	4.9	3.5	1.0	.3	1.4	.3							6.1	719			
OCT	27.3	10.1	11.2	1.3	7.1	12.2	16.7	3.5	.7					66.7	744			
NOV	1.7	3.3	5.3	3.3	11.3	21.6	23.5	21.1	9.7	.4				94.7	719			
DEC		.7	3.2	9.4	9.2	7.7	21.8	28.7	16.2	3.1				99.3	742			
ANNUAL	11.8	2.8	4.4	3.8	4.5	6.9	11.5	17.7	7.1	2.3	.3	.3		58.3	8648			



2

700. 0000

FROM DAILY OBSERVATIONS

7 1726	INDIAN MOUNTAIN AFB AK
STATION	STATION NAME

59-22

YEARS

## DAILY SNOW DEPTH IN INCHES

NOTE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)



U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

- \*1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (\*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

- \*2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

\*Values for means and standard deviations do not include measurements from incomplete months.



2.

SUBJECT AREA

1

67-32

YEARS

•

12

1 (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 175 STATION NAME INDIAN MOUNTAIN AFB, AK YEARS 72-82 MONTH JAN  
CLASS ALL WEATHER HOUSE (L & T) 000-0200  
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1										.1	3.0
NNE		.1	.2	.1	.2	.2	.1					1.1	10.4
NE	.1		.6	5.5	2.5	1.7	.1					7.5	17.8
ENE		.7	2.4	5.7	3.1	.9						13.3	13.6
E	.7	2.4	2.7	1.9	.7							8.2	9.4
ESE	.7	2.7	1.5	.4								4.3	6.4
SE	.7	1.8	1.1									3.3	5.6
SSE	1.1	1.2	1.0	.1								3.3	5.3
S	.7	.8										1.5	3.3
SSW	.7											.7	2.0
SW	1.0	.1	.1									1.7	3.0
WSW	1.1	.7	.7									2.1	4.6
W	.1	.4	.2	.5								1.2	8.6
WNW	.4	.1	.1	.1								.7	6.0
NW	.1	.0		.2	.1							.9	6.3
NNW			.1									.1	5.0
VARBL													
CALM												49.6	
	.4	9.8	1.9	11.5	6.7	2.9	.2					100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 607



GLOBAL CLIMATOLOGY RANCH  
USAFETAC  
ADDITIONAL SERVICE / PAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION WILSON MOUNTAIN AFB, AR YEARS 73-82 MONTH JAN  
STATION NAME WILSON MOUNTAIN AFB, AR CLASS ALL WEATHER HOURS (L & T) 1000-0000  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE	.1	.1	.5	.3	.5		.1					1.7	1.7
NE	.1	.1	.6	1.6	2.4	2.1	.6					7.4	16.7
ENE			1.8	3.9	1.4	.6	.1					5.4	13.7
E		.5	3.5	2.7	.6							12.2	7.1
ESE		1.5	2.3	.2								4.7	6.7
SE	.7	1.4	1.4									2.1	5.9
SSE	1.1	.7	.8		.1							2.7	5.4
S	.7	.7	.1									1.3	2.1
SSW	.3	.3	.1									1.2	2.1
SW	.2	.3	.3	.1								1.3	4.2
WSW	.6	.6	1.0	.3								2.5	7.2
W	.3	.3	.2	.1								1.0	5.7
WNW	.3	.1	.3	.1								1.0	5.6
NW	.1	.2	.1	.1								.2	2.4
NNW	.1	.1	.1	.1								.2	7.2
VARBL													
CALM												1.0	
	5.2	1.3	13.4	2.7	5.7	3.0	.7					122.2	5.2

TOTAL NUMBER OF OBSERVATIONS 455



USAF CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE /MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

71750 STATION 71-1750 INDIAN MOUNTAIN AFB AR 73-82 YEARS MONTH JAN 1990-1990 HOURS (LST)

ALL SEATHER CLASS

CONDITION

SPEED (KNTS), DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			.1	.1								.2	1.6
NNE				.7	.5	.1						1.3	15.6
NE			1.6	2.3	1.7	1.1	.1					8.8	15.9
ENE		1.1	2.9	3.3	2.4	1.1	.3					11.1	13.9
E	1.1	1.5	3.1	2.6	.7	.2						5.9	9.4
ESE		1.5	1.9	.1								3.7	8.7
SE		1.1	1.5		.1							1.2	6.6
SSE		.5	.7	.1								1.3	5.2
S	1.1	.7	.1									1.7	3.0
SSW		.8										1.2	2.6
SW	.5	.5	.5	.5								1.7	7.1
WSW		.2	.5	.2								1.4	5.5
W		1.1	.2	.1								1.7	4.7
WNW	.1	.7	.1	.3								.7	6.4
NW		.2	.3		.1							1.3	6.8
NNW													
VARBL													
CALM												2.1	
	7.7	9.4	13.9	7.4	5.2	2.4	.5					15.1	4.6

TOTAL NUMBER OF OBSERVATIONS 885



CLIMATE CLIMATOLOGY BRANCH  
 AFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

201701 73-82 73-82 JAN NORTH  
 STATION STATION NAME YEARS  
 ALL WEATHER CLASS  
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE		.1	.1	.1	.1							.1	10.4
NE	.1	.3	1.4	1.6	2.1	.8	.1					.2	12.6
ENE	.2	.1	2.0	3.9	2.5	.9	.2					1.8	14.3
E		2.1	2.5	2.0	.6	.1	.1					.2	7.6
ESE		1.6	2.5	.5								.2	6.5
SE	1.0	1.6	1.4	.1								4.1	5.7
SSE	1.6		1.1									1.1	4.2
S	1.2	.6	.3									.1	3.6
SSW	1.1	.6	.3									1.2	2.5
SW	.7	.6	.8	.2								.3	5.5
WSW	.1	.1	.5		.2							1.5	7.5
W	.7	.6	.5	.1								1.7	5.1
WNW	.4		.1	.3	.1							1.1	7.2
NW	.1			.1								.3	5.7
NNW	.1	.1		.1								.3	6.1
VARBL													
CALM												1.0	
	.1	9.1	13.3	7.1	6.2	1.9	.5					17.2	4.7

TOTAL NUMBER OF OBSERVATIONS 698



JOINT CLIMATOLOGY BRANCH  
AFMTC  
ATMOSPHERIC SERVICE

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1750 STATION NAME INDIAN MOUNTAIN AFJAK YEARS 73-9 MONTH JAN  
CLASS ALL WEATHER  
HOURS (LST) 1000-1400  
CONDITION

SPEED (KNTS, DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1	.1									.3	6.3
NNE		.1	.3									1.5	12.4
NE		.1	1.1	1.7	1.7	1.1						5.5	17.0
ENE		.5	1.5	2.6	2.3	1.1		.1				13.1	14.6
E	1.2	1.1	4.4	.6		.3		.2				6.5	9.6
ESE	.1	2.2	1.6	.1								3.7	7.1
SE		2.5	1.2									4.3	5.5
SSE	1.1	1.5	.5									3.1	4.5
S	.7	.7	.2									1.5	4.4
SSW	1.1	.7	.2	.1								2.4	4.6
SW	.1	.7	1.6									2.5	5.5
WSW	.1	1.2	.5	.2								2.3	5.5
W		.5	.1	.1	.2							1.5	7.9
WNW	.1	.7	.2									.5	6.1
NW	.1	.1	.1	.1								.5	5.5
NNW		.1	.1									.5	5.5
VARBL													
CALM												44.2	
	7.0	12.4	14.5	7.3	5.1	2.9	.5	.3				100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 90



U.S. NAVAL CLIMATOLOGY BRANCH  
 AFETAC  
 U.S. WEATHER SERVICE /NAC

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

STATION ALIAN MOUNTAIN AFB AR YEARS 73-82 24  
 STATION NAME ALL AIRCRAFT NORTH  
 CLASS 1000-2700  
 HOURS (L & T)  
 CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N			.1									.1	.4
NNE			.7	.1		.7	.1					1.1	1.1
NE			.6	.7	1.7	1.1	.3					4.1	1.5
ENE			.7	2.9	3.7	1.1	1.2	.3				10.2	11.4
E	1.0	1.7	4.4	1.0	.7							8.1	8.6
ESE		1.2	1.0	.6	.3							3.1	7.0
SE	.4	1.4	1.0									3.7	6.2
SSE		1.0	.1									1.1	4.1
S	1.0											1.1	4.1
SSW	.7	.5	.1									1.7	4.2
SW	.6	1.1	1.7									3.2	2.0
WSW	.5	.6	.3	.4								2.1	1.2
W	.1	1.5	.8	.3								1.9	6.3
WNW	.4											.4	2.0
NW			.1	.1								.3	1.0
NNW	.1			.7								.4	9.3
VARBL													
CALM												12.2	
	6.9	12.7	14.3	7.2	3.7	2.6	.7					1.1	4.4

TOTAL NUMBER OF OBSERVATIONS 722



JOINT CLIMATE BRANCH  
AFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 701707 INDIAN MOUNTAIN AFB AL STATION NAME 73-75,78-92 YEARS MONTH JAN  
CLASS ALL WEATHER 1200-2000 HOURS (LST)  
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N												0.2	2.7
NNE												0.2	10.7
NE				2.4	2.7	1.3						6.7	17.7
ENE			3.5	5.3	1.2	1.4						12.1	13.6
E		1.4	3.5	1.6	.5							7.3	9.1
ESE	1.2	3.7	2.4									6.7	5.6
SE	.7	2.5	1.6									4.7	5.6
SSE	1.2	2.5	.4									4.2	4.5
S	1.6	.3										2.4	5.5
SSW	1.5	.5										1.4	2.6
SW		1.4	.4									1.5	5.4
WSW	.4	.4	.8	.2								1.6	6.5
W	.4	.6	.4	.7								1.5	6.3
WNW		.6		.5								1.5	6.5
NW	.5	.4										.5	4.3
NNW	.5											.5	2.3
VARBL													
CALM												45.4	
	7.5	15.3	13.9	1.3	3.4	3.2						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 504



U.S. AIR FORCE  
 USAFETAC  
 AIR WEATHER SERVICE

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1700 TAIN 42 STAIN AF AK 73.75-20  
 STATION NAME YEARS JAN NORTH  
 ALL WEATHER CLASS 100-2000  
 HOURS (LST)  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N			.4									.4	6.2
NNE			1.0									1.0	7.8
NE		.4	1.7	2.5	1.7	1.2	.4					1.3	16.9
ENE	.4	.4	4.0	4.4	2.3	.4						1.2	13.4
E		2.7	4.0	2.7	.2							1.0	9.2
ESE		2.7	2.7	.4								.4	6.3
SE	.4	1.4	.4	.4								2.0	3.2
SSE		.4	.4									1.0	4.8
S	1.2											1.2	2.2
SSW	1.0	.4										1.4	3.0
SW	.4	.4	.2									1.2	4.4
WSW	.4	.4	.4	.6								1.1	7.2
W	.6	.2	.4									1.0	4.4
WNW	.4	.2										.2	3.5
NW	.4	.2										.4	3.3
NNW													
VARBL													
CALM												47.5	
	0.0	13.4	17.4	11.0	4.2	1.9	.8					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 510



CLIMATE CLIMATOLOGY BRANCH  
AFETAC  
AF WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1770 STATION 1. DIAM MOUNTAIN AFB, AR 73-42 YEARS JAN MONTH  
ALL WEATHER CLASS ALL MONTHS  
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1	.1	.3	.2	.1	.1	.1	.1	.1	.1	.1	9.7
NNE	.1	.1	.4	.1	.2	.1	.1	.1	.1	.1	.1	.1	14.1
NE	.1	.2	1.0	1.4	2.2	1.4	.7	.1	.1	.1	.1	.1	17.1
ENE	.4	.7	2.6	4.2	7.1	1.7	.7	.1	.1	.1	.1	.1	13.7
E	.7	2.1	3.5	1.8	.7	.1	.1	.1	.1	.1	.1	.1	9.7
ESE	.7	1.9	2.5	.4	.1	.1	.1	.1	.1	.1	.1	.1	.7
SE	.1	1.7	1.4	.7	.1	.1	.1	.1	.1	.1	.1	.1	2.1
SSE	1.0	1.1	.6	.1	.1	.1	.1	.1	.1	.1	.1	.1	4.1
S	1.0	.4	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	3.7
SSW	1.0	.4	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	3.7
SW	.1	.7	.6	.1	.1	.1	.1	.1	.1	.1	.1	.1	6.7
WSW	.1	.5	.7	.2	.1	.1	.1	.1	.1	.1	.1	.1	6.7
W	.4	.6	.3	.2	.1	.1	.1	.1	.1	.1	.1	.1	6.7
WNW	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	6.1
NW	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	6.1
NNW	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	7.6
VARBL													
CALM													
	7.6	17.9	13.6	9.3	5.1	2.6	.5	.2	.1	.1	.1	17.0	4.1

TOTAL NUMBER OF OBSERVATIONS 77



USAF CLIMATOLOGY BRANCH  
 AFSTAC  
 AIR WEATHER SERVICE

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 71707 INDIAN MOUNTAIN AF 40 STATION NAME YEARS 21-22  
 CLASS ALL WEATHER  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N												0.2	17.0
NNE												1.4	2.5
NE	.1		1.4									3.3	13.0
ENE			2.7									.7	11.5
E		1.7	3.3									1.5	1.1
ESE	.1	2.3	2.5									6.7	7.3
SE		1.4										2.4	6.0
SSE		1.0										3.2	4.5
S		1.5										2.2	4.7
SSW	1.1	1.2										4.0	4.1
SW												2.3	5.1
WSW												1.2	1.4
W												.7	9.4
WNW												2.2	4.2
NW												1.2	7.3
NNW												3.3	12.0
VARBL													
CALM												2.9	
	7.7	12.2	13.3	2.6	7.0	5.0	1.1					10.2	4.0

TOTAL NUMBER OF OBSERVATIONS 700



GENERAL CLIMATOLOGY REPORT  
 WAFB TAC  
 ALL WEATHER SERVICE/MAJ

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION INDIAN MOUNTAIN AFB, AR YEARS 73-82 MONTH FEB  
 CLASS ALL WEATHER HOURS (LST) 300-2500  
 CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.1		.5	.1	.1						1.0	12.8
NNE	.6	.9		.4	.1							1.7	7.7
NE		.2	1.2	1.1	.5	.2	.4					4.0	13.5
ENE		.8	2.6	3.5	1.7	.7	.1					8.9	12.9
E		1.1	1.7	1.3	.4	.1	.2					5.6	10.0
ESE		2.3	1.5	.7								4.7	6.4
SE	1.1	1.9	1.3	.1								3.1	5.7
SSE	1.2	1.0	1.1	.2								3.5	5.5
S	2.4	1.1	1.0	.1								4.8	4.6
SSW	1.1	1.1										2.6	3.4
SW	.0	.4										1.0	3.7
WSW	.0	.7	.4									1.7	4.6
W	.7	.1	.1	.2								1.2	5.2
WNW			.1	.2								1.0	6.5
NW		.4		.1	.1							.6	9.6
NNW													
VARBL													
CALM												5.1	
	1.5	11.6	11.7	5.7	2.9	1.2	.7					10.0	3.9

TOTAL NUMBER OF OBSERVATIONS 235



CLIMATE CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAF

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7-17-55 STATION INDIAN MOUNTAIN AFB, OK 73-82 YEARS FEB MONTH  
ALL WEATHER CLASS 1600-1800 HOURS (L.S.T.)  
CONDITION

SPEED (KNTS): DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1	.4	.2	.1							1.0	10.0
NNE	.1	.4	.2	.4	.2	.1						1.0	1.0
NE	.1	.2	1.1	1.2	.2	.1						2.1	11.4
ENE	.1	.2	1.0	2.2	1.0	.7	.1					2.0	14.7
E	.1	1.2	2.0	2.4	.1	.1						7.4	9.3
ESE	1.0	1.0	1.7	.4	.0	.1						2.2	7.2
SE	.1	1.0	1.1	.2								2.2	6.1
SSE	.1	1.0	.7	.2								2.0	6.1
S	1.2	.2	.4									2.3	4.1
SSW	1.0	1.0										2.0	2.1
SW	1.0	.0	.1									1.0	2.0
WSW	.1	.0	.5									1.0	5.0
W	.4	.0	.5	.1								1.0	5.4
WNW	.1	.4	.1	.1								1.0	5.3
NW	.0	.0	.4	.4	.1							1.7	7.0
NNW		.0	.1									.4	6.0
VARBL													
CALM												6.2	
	2.1	11.0	11.7	8.9	2.9	1.0	.1					6.0	3.5
TOTAL NUMBER OF OBSERVATIONS													675



CENTRAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/AC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION INDIAN MOUNTAIN AFS AK STATION NAME 73-82 YEARS SEP  
MONTH NOV  
CLASS ALL WEATHER HOURS (LST) 0000-2400  
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N				.2			.1					.4	12.3
NNE	.1	.1	.2	.6								1.1	10.7
NE	.1	.4	1.4	1.4	1.1	.4						5.3	13.1
ENE	.7	1.2	1.4	3.6	1.2	.5						8.3	12.2
E	.7	1.9	4.2	2.4	.5	.1						5.3	9.3
ESE	1.2	1.9	2.0	1.0	.2							5.7	7.1
SE	.7	1.1	.5	.4								3.2	6.0
SSE	.5	.5	.5									1.5	4.6
S	1.1	.5	.5									3.1	4.2
SSW	1.2	.5										1.9	2.6
SW	1.0	.1	.5									1.6	4.2
WSW	.5	.1	.2	.1								.8	3.3
W	.5	.2	.5									1.7	3.3
WNW	.1	.1	.5									.7	2.6
NW	.4		.2	.4								1.0	3.1
NNW	.1											.1	1.0
VARBL													
CALM												4.6	
	9.5	6.5	13.3	10.0	3.0	1.0	.1					100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 39



U. S. AIR FORCE  
 AFSTAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

701700 INDIAN MOUNTAIN AFB OK 73-P-2  
 STATION STATION NAME YEARS  
 ALL WEATHER  
 CLASS  
 CONDITION  
 1960-1961  
 MONTHS (1-12)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1			.1								.1	1.1
NNE	.1	.1		.1	.2	.1						.7	1.3
NE		.2	1.7	1.1	.4	.6						7.1	1.3
ENE	.4	.7	3.5	3.1	1.6	1.7	.1					1.3	1.1
E	1.1	2.7	5.9	1.4	.5	.1						12.4	1.1
ESE	2.3	3.1	2.7	1.2	.6							12.8	1.1
SE	1.7	1.7	1.9	.4	.1							5.7	1.1
SSE		.2	.5									1.2	4.9
S	1.1		.4	.1								1.2	4.3
SSW	.7	.5										1.2	3.2
SW	.7	.4	.4	.1								1.1	4.2
WSW	.7	.6	.6	.1								1.3	6.0
W	.1	.4	.2	.1								.5	0.6
WNW		.1	.5	.2								1.2	7.9
NW	.1	.4	.1	.2								.5	7.4
NNW	.1			.1								.2	7.1
VARBL													
CALM												4.5	
	4.7	12.4	15.3	5.5	3.3	1.2	.1					100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 27



JOINT CLIMATOLOGY BRANCH  
USAFETAC  
AT LEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1701 STATION NAME INDIAN MOUNTAIN AFB AK YEARS 73-82 MONTH FE  
CLASS ALL WEATHER PERIOD 1982-1982  
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.1			.1							.1	1.0
NNE		.1	.2		.1							.4	1.0
NE		.1	.2	1.6	.2	.4						3.5	14.0
ENE	.4	1.6	3.8	3.8	2.0	.6						11.1	12.2
E	1.2	3.8	4.3	7.2	.6							11.9	8.7
ESE	1.3	3.1	1.7	.6	.1	.1						7.7	6.5
SE	1.1	1.4	1.7	.4								.3	5.8
SSE	1.2	1.4	.6									.1	4.6
S	.1	1.1	.4									.3	4.2
SSW	1.7	.7										1.2	5.5
SW		.1	.4	.5								1.7	7.5
WSW		.1	.1	.4								1.1	5.4
W	.1	.7	.4	.4								1.9	7.0
WNW		.4	.4	.5								1.3	7.4
NW		.1		.1								.4	7.7
NNW			.1									.1	5.6
VARBL													
CALM												47.0	
	2.1	15.2	14.3	2.6	2.7	1.2						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 600



CLIMATE CLIMATOLOGY BRANCH  
METAC  
ALL WEATHER RECORD

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION INDIAN MOUNTAIN AFB, AR YEARS 73-8 MONTH ALL  
STATION NAME CLASS ALL WEATHER HOURS (LST) 1500-2100  
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													
	11.7	13.6	14.7	10.5	2.2	.5						44.1	4.7

TOTAL NUMBER OF OBSERVATIONS

51



GENERAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE, AMAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 701730 STATION NAME INDIAN MOUNTAIN AFB, AK YEARS 73, 75-82 MONTH CL  
CLASS ALL WEATHER HOURS (LST) 1100-2300  
CONDITION \_\_\_\_\_

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N				.2								.2	1.2
NNE		.4		.6	.4	.2						1.7	15.2
NE			1.1	2.8	.5		.2					1.1	14.7
ENE	.4	1.5	2.8	4.5	.6	.2						1.8	11.2
E	.4	3.5	4.1	.9	.4							1.6	8.2
ESE	.4	2.5	1.3	.3				.2				4.3	7.7
SE	1.7	2.1	1.9									3.3	5.4
SSE	.7	1.3	1.1									3.0	5.8
S	.3	1.1	.3									2.7	4.7
SSW	1.1	1.1	.2									3.4	3.2
SW	1.7	.8	.4		.4							2.2	5.2
WSW	.5	.5	.4									1.9	4.8
W	.1	.4	.2									1.1	3.3
WNW	.2	.5	.4	.2	.4							1.3	9.2
NW	.2											.5	2.0
NNW	.5	.5	.4									.5	5.1
VARBL													
CALM												42.2	
	7.8	16.2	15.7	9.4	2.6	.4	.2	.2				100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 172



GENERAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 71720 STATION NAME INDIAN MOUNTAIN AFB, AK YEARS 73-82 FILE 8078  
CLASS ALL WEATHER HOURS (LST) ALL  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.0	.0	.2	.1	.0	.0					.0	1.09
NNE	.0	.3	.2	.3	.2	.1						1.3	1.05
NE	.1	.3	1.2	1.4	.6	.3	.1					2.0	15.3
ENE	.0	1.0	2.6	3.5	1.5	.5	.1					2.5	12.6
E	.0	2.0	3.7	1.9	.4	.1	.0					2.1	8.9
ESE	1.2	2.6	2.0	.6	.2	.0	.0	.0				6.7	8.8
SE	.0	1.7	1.4	.2	.0							4.2	5.9
SSE	.0	1.1	.5	.1								2.0	5.1
S	1.2	.0	.5	.1								2.0	4.3
SSW	1.2	.0	.1									2.3	3.4
SW	.0	.6	.3	.1	.0							1.7	4.9
WSW	.0	.4	.3	.1								1.4	5.1
W	.4	.4	.4	.2								1.4	5.1
WNW	.0	.3	.3	.2	.0							1.1	7.1
NW	.0	.2	.2	.2	.0							.8	7.7
NNW	.1	.0	.1	.0	.0							.3	7.8
VARBL												0.3	
CALM												0.3	
	2.6	12.7	14.0	4.1	3.1	1.0	.2	.0				10.3	4.2

TOTAL NUMBER OF OBSERVATIONS 4022



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

101740 INDIAN MOUNTAIN AFB AR 73-80  
STATION STATION NAME YEARS  
ALL WEATHER  
CLASS  
CONDITION  
NORTH  
000-000  
HOURS (LST)

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N			.1	.1								.2	10.7
NNE	.1	.2	1.1	.2	.5	.1						2.2	11.8
NE	.1	.2	2.7	2.2	1.1	.1	.1	.1				7.3	12.3
ENE	.2	1.2	3.8	5.8	2.9	.9	.1					10.6	12.9
E	1.2	3.2	2.7	.9	.2							4.3	8.6
ESE	1.4	1.2	1.2	.2								4.5	5.4
SE	.4	1.2	.5									2.6	5.2
SSE	1.4	.2	.4									2.3	3.7
S	2.0	.5										3.7	2.8
SSW	1.2	.5	.2									1.3	3.3
SW	1.1	.5	.6									1.3	4.5
WSW	.2	.1	.2	.1								1.3	3.2
W	1.4	.4	.1	.2								2.4	4.3
WNW	1.2	.5										1.5	3.5
NW	.1	.2		.1								.8	5.7
NNW	.1	.2										.5	3.4
VARBL													
CALM												42.7	
	12.2	14.4	13.9	10.3	4.6	1.1	.2	.1				100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 570



CLIMATE CLIMATOLOGY BRANCH  
AFETAC  
AT WEATHER SERVICE/HAC

# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

101730 INDIAN MOUNTAIN AFB AK 73-01  
STATION NAME YEARS  
ALL WEATHER  
CLASS  
CONDITION  
101730-0000  
MOUSE (L.S.T.)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N				.1								.1	12.2
NNE	.1	.2	.8	.3	.2	.2						1.7	11.3
NE	.1		1.3	2.2	1.4	1.5						5.6	14.3
ENE	1.0	1.3	3.2	5.9	7.0	.2						12.2	12.4
E	1.0	2.7	2.9	1.7	.3	.1						7.8	7.7
ESE	1.4	2.6	1.5	.2								5.7	5.4
SE	1.0	1.3	.0	.1								4.3	4.2
SSE	1.0	1.7	.1									2.4	2.2
S	1.3	.1	.1									1.2	3.5
SSW	.7	.3	.3									1.4	2.1
SW	.2	.6	.6									2.0	2.2
WSW	.5	.7	.2	.2								1.2	2.4
W	.7	.3										1.2	3.7
WNW	.7	.6	.1	.1								1.2	4.2
NW	.7	.4										.0	3.3
NNW	.1											.2	2.2
VARBL													
CALM												45.2	
	1.0	14.2	12.0	10.1	4.3	2.7						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 570



CLIMATE CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 7 1700 STATION NAME INDIAN MOUNTAIN AFB AK YEAR 73-92  
CLASS ALL WEATHER MONTH NORTH  
CONDITION 640-7500 HOURS 12 5 T

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1			.1								.1	4.8
NNE	.4	.4	1.1	.5	.3	.2						3.5	13.6
NE	.1	.5	1.1	3.0	2.3	.4	.1					7.5	14.6
ENE	.4	1.5	4.2	3.5	2.7	1.2	.1					13.4	13.1
E		2.7	2.6	.5	.7							5.5	7.8
ESE	1.2	2.7	2.5	.4								5.1	6.2
SE	.4	2.7	1.2	.1								4.1	5.4
SSE		.7	.4									1.1	4.2
S	1.1	1.5										1.1	3.1
SSW	1.1	.4	.4	.1								1.1	4.1
SW		1.2	.6									2.3	5.3
WSW	.1	.7		.1								1.1	5.3
W		.4	.1									.5	4.7
WNW	.1	.7	.1									.5	5.1
NW	.1	.1										.5	3.2
NNW													
VARBL													
CALM												4.8	
	7.8	13.8	14.4	8.5	5.5	1.8	.2					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 72



U.S. AIR FORCE  
 USAFETAC  
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1917 STATION INDIAN MOUNTAIN AFB, AK 73-22 MONTH MAY  
 ALL WEATHER CLASS 1920-1921 HOURS 1157  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.2	.1	.1								.2	2.7
NNE	.1	.7	.4	1.2		.1						2.4	2.0
NE	.4	.5	2.2	1.9	2.7	.5						8.2	13.9
ENE	1.1	1.4	5.6	4.3	2.4	.4	.3					15.5	11.7
E	2.4	3.7	5.1	1.8	.1	.1						12.1	7.2
ESE	.3	3.7	2.6	.6								.4	5.2
SE	5.6	2.2	1.3	.1								7.2	4.0
SSE	1.1	.2	.1									2.0	3.3
S	.1	.3	.3									1.3	4.2
SSW	.1	.5	.4									1.0	5.3
SW	.1	.1	.6									1.4	6.8
WSW	.4	.3	.3									1.1	5.0
W	.1	.2	.1									.4	5.2
WNW	.1	.3	.3									1.0	5.2
NW	.2	.5	.2	.1								.8	5.0
NNW		.1										.1	4.0
VARBL													
CALM												2.2	
	10.4	15.3	12.6	3.9	5.2	1.2	.3					100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 570



GLOBAL CLIMATOLOGY BRANCH  
 AFETAC  
 ALL WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

STATION: 1700 STATION NAME: INDIAN MOUNTAIN AFB AK YEARS: 73-80  
 CLASS: ALL WEATHER NORTH: MA  
 HOURS (LST): 1200-1400  
 CONDITION:

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1		.1								.2	3.7
NNE	.1	.1	1.1	.5								.3	8.7
NE	.1	.1	2.2	7.4	.5	.5						.3	12.1
ENE	1.1	2.2	5.8	5.7	2.2	.7						17.1	11.1
E	5.4	6.4	5.3	2.9	.2			.2				17.3	7.9
ESE	4.4	6.4	2.9	.5								14.1	5.1
SE	.4	3.7	1.3	.5								.6	4.9
SSE	.1	1.1	.2									.1	4.2
S	.1	.1	.3	.1								1.3	5.2
SSW	.1	.6	.3	.1								1.8	4.7
SW	.1	.1	.3									.6	5.5
WSW	.1	.1	.8	.3								2.2	6.8
W	.1	.4	.1									.9	4.8
WNW	.1	.5	.4									1.4	5.5
NW	.1	.4	.3	.1								1.3	7.2
NNW	.1	.1										.3	4.4
VARBL													
CALM												19.5	
	1.2	24.7	22.3	14.4	2.2	.7		.2				100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 970



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/PAAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1970 INDIAN MOUNTAIN AFB AK 73-82  
STATION STATION NAME YEARS  
ALL WEATHER CLASS 1970-1972  
HOURS (L & T)  
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.4	1.2	.4	.1							2.3	4.3
NNE	.3		4.2	4.3	1.2	.1						10.9	11.6
NE	1.2	3.1	6.1	5.0	1.5	.3						17.1	10.5
ENE	2.4	4.6	5.2	1.3	.4	.1		.1				13.8	7.6
E	1.7	5.1	1.8	.1								11.2	4.7
ESE	1.7	2.5	.9									5.1	4.4
SE	1.1	.2										1.3	2.0
SSE	.4	.2	.2									1.1	4.6
S	.6	.5	.3									1.5	4.2
SSW	.6	.4	1.0	.4								2.7	6.5
SW	.2	.2	1.0	.5								1.7	5.9
WSW	1.2	1.1	.6									2.9	4.7
W	.6	1.3	.8									2.7	5.1
WNW	.3	.6	.3	.1								1.5	5.2
NW		.1										.2	5.0
NNW													
VARBL													
CALM												2.1	
	14.4	2.0	24.6	12.2	3.2	.5		.1				17.3	5.0

TOTAL NUMBER OF OBSERVATIONS 928







GLOBAL CLIMATOLOGY BRANCH  
WAFS/AFM  
ALL-WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7-17-60 ARCTIC MOUNTAIN AFS AK 77-73-60 MAC  
STATION STATION NAME YEARS  
ALL-WEATHER CLASS 1100-2300  
CONDITION HOURS (LST)

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.1	.5	.1								1.1	7.4
NNE		.1	1.2	.3	.1							1.6	10.2
NE			2.9	4.2	1.1	.1						8.9	12.2
ENE	.1	2.7	5.5	4.2	3.0	.7	.4	.1				11.1	12.6
E	1.1	2.8	2.7	1.4				.1				7.3	8.1
ESE	.7	.7	.6	.3								1.3	5.5
SE	1.1	.7	.7									1.2	3.3
SSE	.7	1.1	.4									1.2	4.9
S	1.1	.5	.4									2.5	3.5
SSW	.3	1.2	.1									3.7	3.2
SW	1.1	.7	.4									2.3	4.2
WSW	1.1	.4	1.1									2.2	5.1
W	.4	.4	1.1	.1								2.5	0.6
WNW	.4	.7	.8									1.9	5.4
NW	.7	.5	.1									1.4	3.6
NNW													
VARBL													
CALM												42.6	
	11.1	12.7	18.0	10.4	7.3	.7	.4	.3				100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 773



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

701720 STATION 101111 MOUNTAIN AFS AK 73-80 YEARS  
 STATION NAME CLASS ALL WEATHER MONTH ALL HOURS ALL DAY  
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2	.1	.1								.4	6.4
NNE	.2	.4	1.6	2.6	.2	.1						2.1	13.2
NE	.2	.7	2.6	2.6	1.4	.3	.2	.2				3.1	12.7
ENE	.7	1.2	5.2	5.1	2.4	.6	.2	.2				13.1	11.6
E	1.4	3.7	3.8	1.4	.4	.2	.2	.1				12.7	7.6
ESE	.1	3.4	1.2	.3								7.3	5.3
SE	1.6	2.4	.6	.1								4.5	4.7
SSE	1.1	.7	.2	.2								2.0	3.4
S	1.0	.7	.2	.2								1.9	3.7
SSW	1.2	.6	.3	.0								.1	4.0
SW	.7	.7	.6	.1								1.1	5.3
WSW	.2	.5	.2	.2								1.3	6.3
W	.2	.5	.3	.1								1.3	4.7
WNW	.5	.5	.4	.2								1.6	4.9
NW	.2	.4	.1	.1								.9	4.9
NNW	.1	.2										.3	3.9
VARBL													
CALM												70.2	
	12.7	16.7	17.7	11.1	4.3	1.1	.2	.1				100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 7025



U.S. AIR FORCE  
 CLIMATE BRANCH  
 AFMTC  
 AIR WEATHER SERVICE/AFAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 175 STATION NAME INDIAN MOUNTAIN AFB AK YEARS 72-84 MONTH ALL CLASS ALL WEATHER HOURS (LST) 00000000  
 CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1		.2	.3								.7	2.7
NNE		.4	.7	1.0								.1	1.2
NE	.7	1.6	2.3	2.7	1.6							.1	1.2
ENE	.2	2.1	3.9	1.9	.3							.2	2.7
E	1.2	2.5	1.1	.2								.2	2.5
ESE	.7	.9	.6									.1	1.2
SE	.7	.2										.2	2.3
SSE	.2	.2	.1									.1	1.2
S	1.2	.7		.2								.1	1.2
SSW	2.5	.7										.1	2.5
SW	1.1	1.2	.4									.2	1.2
WSW	1.6	2.1	.8	.1								.2	1.2
W	1.2	1.6	.2	.4	.1							.2	1.2
WNW	1.2	1.2	.4	.1								.2	1.2
NW	1.2	.2	.4	.1								.2	1.2
NNW		.1										.1	1.2
VARBL													
CALM												47.8	
	1.4	16.1	11.3	7.2	2.7							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 894



CENTRAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7-17-82 INDIAN MOUNTAIN AFB AK 77-82  
STATION NAME YEARS  
ALL WEATHER CLASS  
CONDITION  
8 ft  
1700-2500  
HOURS (LST)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N				.1	.3							.4	10.0
NNE	.2	.1	.2	.5	.4	.2						.1	13.2
NE	.2	.2	2.5	1.9	.9	.4						.1	12.4
ENE	.2	1.6	3.6	3.2	.7	.1						.7	9.9
E	.9	2.3	1.4	.1								.4	5.9
ESE	1.0	1.2	.9									.1	5.1
SE	1.2	1.1	.1									.2	3.9
SSE	.6	.7	.2									.4	3.2
S	.8	.2		.2								.2	4.5
SSW	1.1	1.1	.4									.5	4.0
SW	.9	.7	.3	.1								.3	4.6
WSW	.6	1.3	1.6	.2								.3	5.8
W	1.0	1.2	.4	.2	.1							.2	5.3
WNW	1.0	.6	.3									.2	4.2
NW	.3	.4	.4									.2	5.3
NNW				.1								.1	13.0
VARBL													
CALM												.4	
	10.9	13.0	12.0	7.0	2.1	.2						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 897



CENTRAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7-1757 STATION 77-82  
STATION NAME INDIAN MOUNTAIN AFS AR YEARS 1955-1960  
CLASS ALL WEATHERED  
CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N				.2	.1	.1						.4	17.3
NNE	.1	.1	.6	.6	.2	.2						.2	12.4
NE		.7	1.6	2.1	.8	.7						.2	11.8
ENE		2.7	4.0	3.0	.6							1.7	7.2
E		2.7	2.6	.6	.1	.1						.2	4.2
ESE		.7	1.6									.2	4.2
SE		1.1	.7									.2	4.1
SSE		.7	.1									.2	3.2
S		.7	.3									.2	3.2
SSW		1.1	.3	.2								.2	3.1
SW		.7	.7	.2								.2	3.7
WSW		.7	.7	.1								.2	3.6
W		.7	.7	.2								.2	3.7
WNW		.7	.7									.2	3.7
NW		.7	.2									.2	4.1
NNW	.1	.7			.1							.2	3.7
VARBL												.2	
CALM												.2	
	11.4	15.4	12.2	7.3	2.7	.7						17.2	3.7

TOTAL NUMBER OF OBSERVATIONS 1757



U.S. AIR FORCE  
 CLIMATOLOGY BRANCH  
 WASHINGTON, D.C.  
 WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION INDIAN MOUNTAIN AFB, AK YEARS 77-81 MONTH ALL  
 CLASS ALL WEATHER  
 CONDITION   
 HOURS (L & T) 0000-2359

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N				.1	.7							.4	17.7
NNE	.1	.7	.4	.7	.4	.7						7.4	12.8
NE	.1	.7	4.7	5.3	.3							7.4	12.1
ENE	.1	.7	4.7	7.5	.7							10.5	8.9
E	.1	.1	7.7	7.6	.1							10.9	6.7
ESE	.1	.1	2.6									1.7	4.9
SE	.1	4.1	.4									7.5	7.5
SSE	1.1	1.7	.4									7.4	4.4
S	1.7	.7	.7									3.3	2.9
SSW	.1	1.1	1.2									2.7	7.1
SW	.1	1.1	.8	.3								2.1	7.3
WSW		1.1	.6	.7								2.1	7.5
W	.1	.1	.5	.4								1.1	7.5
WNW	.1	.1	.2									.7	4.7
NW	.1	.1	.2									.7	5.6
NNW		.1	.2	.1								.4	5.6
VARBL													
CALM												0.7	
	10.7	25.5	23.9	5.7	1.6	.7						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 808



CLIMATE DIVISION  
 AFMTC  
 WEATHER SERVICE

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION CHIEF MOUNTAIN AFB, TX YEARS 77-82 MONTH ALL  
 STATION NAME CLASS HOURS (L & T)  
 ALL DAY  
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1	.2	.1								.2	7.3
NNE	.1	.6	1.4	1.3	.7							1.1	10.1
NE	.1	1.6	3.7	5.9	.3							.3	7.3
ENE	.1	2.7	1.1	1.2	.7							1.7	9.3
E	1.1	1.2	5.5	1.1								1.7	6.5
ESE	.1	3.7	2.1	.1								1.4	5.1
SE	3.1	4.7	.6									7.7	4.2
SSE	1.1	1.4	.4									2.7	4.2
S	1.2	1.7	.4									2.2	4.4
SSW	1.1	1.4	.6									2.5	4.7
SW	.7	1.7	.3	.3								2.6	5.9
WSW	.1	3.1	.3	.2								1.1	5.5
W	.1	1.4	.6	.2								2.1	5.6
WNW	.2	1.1	1.1									2.1	5.9
NW	.1	.7	1.5									2.3	7.0
NNW	.1	.2	.1	.4								.7	5.1
VARBL													
CALM												1.1	
	14.0	13.1	23.2	11.7	1.7							10.0	6.2

TOTAL NUMBER OF OBSERVATIONS 597



U.S. AIR FORCE  
 14-00000  
 14-00000

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 17. STATION NAME 14-00000 YEARS 77-80  
 CLASS ALL WEATHER  
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 493



APPROXIMATELY 1000 HOURS  
 1000 HOURS  
 1000 HOURS

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME STATION NAME YEARS 77-8 MONTH 12  
 CLASS ALL  
 CONDITION

SPEED (KNTS, DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 1000



NATIONAL CLIMATOLOGY - ANCH  
 OFFICE  
 AIR WEATHER SERVICE/ANMO

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

STATION 11710 WILSON MOUNTAIN SEQUOIA 70,75-00 YEARS 1-1-50 MONTH 1-1-50  
 STATION NAME CLASS ALL WEATHER HOURS (L & T)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													
	1.4	1.0	10.2	7.7	.5	.2							

TOTAL NUMBER OF OBSERVATIONS 7



## SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
	CLASS		HOUSE (L S Y)
	CONDITION		

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.	.	.2	.2	.1	.						2.2	1.0
NNE	.	.	1.7	.2	.7	.1						1.0	1.0
NE	.	1.7	4.1	2.7	.7	.1						1.0	1.0
ENE	.	.	1.3	2.8	.2	.						1.0	1.0
E	1.7	3.7	2.2	.4	.	.						1.0	1.0
ESE	1.	2.4	1.2	.2		.						1.0	1.0
SE	1.7	1.	.3									1.0	1.0
SSE	.	.9	.2									1.0	1.0
S	.	.	.3	.1								1.0	1.0
SSW	.2	1.7	.7	.2								1.0	1.0
SW	.	1.1	.6	.2								1.0	1.0
WSW	.	1.4	.7	.2								1.0	1.0
W	.	1.5	.7	.2	.							1.0	1.0
WNW	.	1.1	.7	.1								1.0	1.0
NW	.	.	.9	.1								1.0	1.0
NNW	.1	.7	.2	.1	.							1.0	1.0
VARBL												1.0	1.0
CALM												1.0	1.0
	1.7	2.3	2.2	2.2	1.7	.7						1.0	1.0

TOTAL NUMBER OF OBSERVATIONS 1000



U.S. AIR FORCE CLIMATOLOGY BRANCH  
 WASHINGTON, D.C.  
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 7175 INDIAN MOUNTAIN, ARIZONA 77-82  
 STATION NAME YEARS MONTH  
 ALL WEATHER CLASS 1977-1982  
 HOURS (LST) CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												1.1	2.7
NNE			1.1	.7	.1							1.4	2.6
NE			1.1	.7	.1	.1						1.4	2.6
ENE			1.1	.7	.1	.4						1.4	2.6
E			1.1	.7	.1							1.4	2.6
ESE				.1								1.4	2.6
SE			.1									1.1	2.6
SSE												1.1	2.6
S												1.1	2.6
SSW												1.1	2.6
SW			1.1	.7								1.4	2.6
WSW			1.1	.7								1.4	2.6
W			1.1	.7	.1							1.4	2.6
WNW			1.1	.7	.1							1.4	2.6
NW			1.1	.7	.1							1.4	2.6
NNW			1.1	.7	.1							1.4	2.6
VARBL												1.1	2.6
CALM												1.1	2.6

TOTAL NUMBER OF OBSERVATIONS 777



LOCAL CLIMATE DATA  
 METAC  
 WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION NAME WATA MOUNTAIN ST. 17 YEARS 77-8 DAY 04  
 CLASS ALL WEATHER MONTH NOV - DEC  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			.1	.1								.2	.1
NNE			.2	.2	.1							.2	.1
NE		1.1	3.2	3.5	.7							1.1	1.6
ENE		1.7	2.1	1.7	.7	.1						1.1	1.6
E		1.5	.7	.4								.1	.7
ESE		1.1	.5									.7	.4
SE												.7	.4
SSE			.1									.7	.4
S												.7	.4
SSW	1.7		.6									.7	.4
SW	1.1	1.1	.4									.7	.4
WSW	1.3	1.1	.1									.7	.4
W	.7	1.7	.5									.7	.4
WNW		2.5	1.4	.2								.7	.4
NW	1.1	1.1	.5									.7	.4
NNW	.4	.4	.5	.1								1.2	.4
VARBL													
CALM													
	1.6	15.7	14.2	5.8	1.3	.7						15.2	3.7

TOTAL NUMBER OF OBSERVATIONS 197



U.S. AIR FORCE  
 WEATHER SERVICE/MAO

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1717 STATION NAME LIAN MOUNTAIN AFB TX YEARS 77-92 MONTH 4  
 CLASS ALL WEATHER HOURS (L & T) 0000-2400  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.0	.7									1.3	0.4
NNE	.0	.0	.0	.7	.7							1.3	1.2
NE	1.0	1.0	4.4	4.3	.7	.1						11.5	1.6
ENE	.0	2.7	3.3	5.7	.7							11.5	4.0
E	1.1	4.0	2.3	.9								11.5	3.0
ESE	1.7	3.0	1.5	.1								6.3	4.0
SE	1.0	1.0										2.0	2.0
SSE	.0	1.0	.1									1.0	5.0
S	1.0	1.1	.1									2.2	3.0
SSW	1.1	1.2	.4									2.7	4.0
SW	.0	1.3	1.3									2.6	5.0
WSW	.0	.0	.0									1.0	5.4
W	.1	1.0										1.1	4.0
WNW	.0	.0	.4									1.3	3.0
NW	.0	1.0	.0									2.0	5.0
NNW	.0	1.0	.4									1.3	5.0
VARBL													
CALM												72.0	
	14.0	22.0	21.1	7.7	1.2	.0	.1					27.0	1.0

TOTAL NUMBER OF OBSERVATIONS 1717



ANNUAL CLIMATOLOGY REPORT  
 1961  
 AT WASHINGTON, D.C.

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 7-1310 STATION NAME CAPITAL MOUNTAIN AIR STATION YEARS 73-84 MONTH MAY  
 CLASS ALL STATIONS  
 CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													
	1.4	22.4	27.6	1.2	1.1	.7						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 110



## SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
17-1	17-1	17-1	17-1
ALL SEATED		NOV 11 1971	
CLASS			
CONDITION			

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.	1.1	1.0									2.0	1.0
NNE	.	.1	1.0	.4								2.0	1.0
NE	.1	1.3	4.5	1.1	.5							1.0	1.0
ENE	.5	.4	5.3	3.7	.1	.1						14.0	1.0
E	1.7	5.7	5.1	1.4	.1							14.4	3.0
ESE	.1	4.7	1.5	.7								1.0	1.0
SE	1.5	2.5	.6									1.0	1.0
SSE	.1	1.3	.4	.1								1.0	1.0
S	.	1.3	1.5									2.0	1.0
SSW	.	3.1	.9									1.0	1.0
SW	.4	1.1	1.1									1.0	1.0
WSW	.2	1.1	2.3	.1								4.4	3.0
W	.7	3.8	2.2	.7	.1							7.3	3.0
WNW	.5	2.5	2.6									5.7	3.0
NW	.4	1.3	1.1	.1								7.4	3.0
NNW	.7	1.7	.9	.1								2.1	3.0
VARBL													
CALM													
	10.1	56.5	53.4	12.0	.6	.1						100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 100







U.S. AIR FORCE  
 WEATHER SERVICE  
 METEOROLOGICAL BRANCH  
 METAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 107 STATION NAME MOUNTAIN AIR AV YEARS 77-80 MONTH 12-1980  
 CLASS ALL WEATHER  
 CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	0	0	0	0	0	0	0	0	0	0	0	0
NNE	0	0	0	0	0	0	0	0	0	0	0	0	0
NE	0	0	0	0	0	0	0	0	0	0	0	0	0
ENE	1.1	0	0	0	0	0	0	0	0	0	0	0	0
E	1.1	0	0	0	0	0	0	0	0	0	0	0	0
ESE	1.1	0	0	0	0	0	0	0	0	0	0	0	0
SE	0	0	0	0	0	0	0	0	0	0	0	0	0
SSE	0	0	0	0	0	0	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0	0	0	0	0	0	0
SSW	0	1.1	0	0	0	0	0	0	0	0	0	0	0
SW	0	0	0	0	0	0	0	0	0	0	0	0	0
WSW	0	1.1	1.4	0	0	0	0	0	0	0	0	0	0
W	1.1	0	0	0	0	0	0	0	0	0	0	0	0
WNW	0	0	0	0	0	0	0	0	0	0	0	0	0
NW	0	0	0	0	0	0	0	0	0	0	0	0	0
NNW	0	1.1	1.1	0	0	0	0	0	0	0	0	0	0
VARBL	0	0	0	0	0	0	0	0	0	0	0	0	0
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0

TOTAL NUMBER OF OBSERVATIONS 56



USAFETAC  
 WEATHER SERVICE/NAO

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 7172 STATION NAME INDIAN MOUNTAIN AFB, OK YEARS 73-75-80 DAY 1 MONTH 1 YEAR 1981

CLASS ALL WEATHER

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.7	.4									1.1	2.6
NNE	.1	.7	2.4	1.7								4.4	3.7
NE	.4	.7	5.6	7.9	.4	.1						12.4	5.3
ENE	.4	1.6	1.4	1.0	.3							4.7	3.4
E	.1	.7	.4	.1								1.2	2.1
ESE	.1	.4										.5	2.2
SE	.7											.5	2.0
SSE	.3											.7	2.2
S	.7	.4										1.1	3.1
SSW	1.7	.7	.3									1.2	4.1
SW	.3	1.7	.1									2.4	3.4
WSW	.7	2.7	.6									3.1	3.7
W	.7	2.7	.7									3.4	4.1
WNW	.1	.7	2.7									3.4	3.7
NW	.7	2.4	1.7									4.8	3.7
NNW	.1	.7	1.7	.1								3.3	7.2
VARBL													
CALM												.1	
	14.1	22.7	11.5	4.1	.7	.1						11.2	3.4

TOTAL NUMBER OF OBSERVATIONS 711







PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
	CLASS		HOURS, L S Y
	CONDITION		

[illegible]

TOTAL NUMBER OF OBSERVATIONS 27



U.S. AIR FORCE  
 WEATHER SERVICE  
 METEOROLOGICAL BRANCH  
 WFO  
 METEOROLOGICAL SERVICE

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION INDIAN MOUNTAIN AFB AR YEARS 77-83 MONTH JUL  
 CLASS ALL WEATHER HOURS (LST) 0000-2400  
 CONDITION \_\_\_\_\_

SPEED (KNTS, DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													
	1.2	15.2	10.4	2.9	.1							17.8	2.2

TOTAL NUMBER OF OBSERVATIONS 660



U.S. NATIONAL CLIMATOLOGICAL SERVICE  
 WASHINGTON, D.C. 20541  
 WEATHER SERVICE/NAO

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

STATION 7 1722 INDIAN MOUNTAIN AFB, AK 77-82 YEARS JUL MONTH  
 CLASS ALL WEATHER HOURS (L S T) 0000-0000  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.7	.5	.1								1.2	5.4
NNE	.7	.7	.1	.3								1.8	5.7
NE	.1	.7	.2	.6								2.3	5.2
ENE	1.8	1.2	2.7	.8	.1							5.6	5.5
E	2.4	1.6	1.5									5.4	4.8
ESE	1.1	1.1	.1									2.3	3.4
SE	1.7	.2										1.9	3.4
SSE	.7	.2	.1									1.0	3.6
S	1.3	1.1	.1									2.7	3.6
SSW	1.7	1.5	.6									3.7	4.4
SW	1.9	3.6	1.4	.2								7.0	5.1
WSW	2.2	3.3	1.1	.2								7.4	4.5
W	1.2	1.6	1.1	.2								4.3	5.6
WNW	.7	1.6	1.7	.3								3.3	5.1
NW	.1	1.2	1.5	.5								3.3	7.3
NNW	.3	1.7	1.4	.6								3.3	7.2
VARBL													
CALM												1.0	
	11.0	22.2	14.2	7.9	.1							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 081



JOINT CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 21707 INDIAN MOUNTAIN AFB, AR STATION NAME 73-80 YEARS MONTH JUL 2000-2000 HOURS (LST) CLASS ALL WEATHER CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	1.4	1.0	.1								1.0	2.4
NNE	.2	.1	.2	.1								.8	2.3
NE	.4	.6	2.6	.2								4.0	7.4
ENE	.1	2.1	2.2	.5								3.7	5.7
E	2.4	3.7	2.4									5.4	5.2
ESE	1.3	1.7	.5									2.3	4.4
SE	.3	1.3	.2									1.7	4.0
SSE	1.3	1.7	.6		.1							2.2	5.2
S	.3	2.1	.7	.1								4.2	4.9
SSW	1.7	3.2	1.6									6.5	4.5
SW	.3	2.4	2.7	.2								5.2	5.1
WSW	1.7	3.4	3.2	.3								4.7	5.2
W	1.3	2.0	2.7	.2								3.1	5.2
WNW	1.4	1.0	1.2	.5								3.7	5.7
NW	.7	1.0	1.9	.1								4.3	5.1
NNW	.0	2.7	2.2	.2								5.7	6.1
VARBL													
CALM												1.3	
	12.4	32.0	20.9	2.7	.1							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 375



U.S. AIR FORCE CLIMATE DIVISION  
 AFMPC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7-17-50 INDIAN MOUNTAIN AFB OK 74-20  
 STATION STATION NAME YEARS MONTH  
 ALL-WEATHER CLASS 12-2-14-20  
 HOURS (LST)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.7	.3	.1								2.2	2.1
NNE	.2	1.4	.3									2.2	5.0
NE	.2	.3	1.7	.3								2.2	7.3
ENE	.2	7.2	2.3	.7								2.2	6.1
E	1.7	3.0	2.0									2.7	3.1
ESE	1.7	2.2	.2									2.7	4.5
SE	1.2	1.7	.2									2.7	4.1
SSE	.2	1.7	.2									2.2	4.4
S	1.7	1.2	.2									2.2	4.3
SSW	1.7	2.2	1.5	.3								2.4	5.6
SW	.2	2.2	2.2	.2								2.2	5.1
WSW	2.1	4.7	3.6	.1								12.5	5.6
W	1.7	4.7	3.1	.9								12.5	6.1
WNW	.2	3.5	2.2	.7								2.1	6.9
NW	.2	2.2	2.7	.5								2.1	5.3
NNW	.2	2.2	2.1	.6								2.2	6.8
VARBL													
CALM												11.1	
	15.2	39.4	27.2	4.2								100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 345



U.S. AIR FORCE CLIMATOLOGY BRANCH  
 WASHINGTON, D.C.  
 AIR FORCE WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1771 INDIA MOUNTAIN AFB AR STATION NAME 77-PC YEARS MONTH 06  
 CLASS ALL WEATHER HOURS (LST) 1800-1700  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.7	1.3	.7								2.6	2.6
NNE	.7	1.4	.4	.1								2.6	3.2
NE	.7	1.4	1.1	.3								2.7	3.0
ENE	.7	2.3	2.3	.3								2.6	3.2
E	1.7	2.3	2.2	.1								2.1	5.7
ESE	1.0	1.7	.3									2.2	4.7
SE	.3	.5	.5									1.7	3.6
SSE	.7	.7	.7									2.2	4.4
S	.7	.7	.6									2.2	4.6
SSW	.7	2.3	1.7									4.2	3.1
SW	1.0	2.7	1.6									4.3	3.3
WSW	1.7	4.7	2.7	.3								7.9	3.3
W	1.4	6.1	4.7	.5	.1							1.7	3.3
WNW	.7	4.2	2.4	.4								7.7	3.1
NW	.7	3.7	3.2	.8								2.1	3.7
NNW	1.7	2.7	2.4	.1								7.3	3.3
VARBL													
CALM												17.7	
	10.2	37.1	26.9	7.7	.1							10.2	4.3

TOTAL NUMBER OF OBSERVATIONS 786



JOINT CLIMATOLOGY BRANCH  
USAFETAC  
NO. 1 LEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 7177 INDIAN MOUNTAIN AFB, AR 77-92 YEARS 1957-1966  
STATION NAME ALL WEATHER MONTH 1957-1966  
CLASS ALL WEATHER HOURS (LST) 1957-1966  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.5	.4	.1								2.1	4.5
NNE	.4	.7	.7									1.2	5.7
NE	.4	.7	.8	.3								2.4	5.6
ENE	.1	1.2	1.3									2.4	5.0
E	.6	1.5	.7									4.2	4.3
ESE	1.1	.7	.6									2.4	4.5
SE	.8	.7	.1									1.3	3.6
SSE	.7	.4										1.1	2.6
S	.6	.3	.4									1.3	4.5
SSW	.6	1.4										1.0	3.8
SW	1.1	1.5	.6									4.2	4.1
WSW	3.2	3.1	.4									5.7	3.8
W	1.2	4.6	2.2	.1								13.2	4.9
WNW	1.7	5.7	3.9	.3								13.3	5.6
NW	1.7	3.2	2.0	.3								7.5	5.9
NNW	1.4	1.4	.6	.4								4.3	5.6
VARBL													
CALM												75.7	
	1.2	32.6	14.9	1.5								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 717



U.S. AIR FORCE  
 AIR FORCE  
 AIR FORCE

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION: 11707 STATION NAME: INDIAN MOUNTAIN AFB, AR YEARS: 73-74 MONTH: JULY  
 CLASS: ALL WEATHER HOURS (LST): 0100-2000  
 CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.3	.3									.7	3.3
NNE	.1	.7	.6	.1								1.5	7.1
NE		.4	.7	.4								1.5	5.5
ENE		.1	.1									.7	7.2
E	.7	.7	.1									1.5	4.4
ESE	.7											.7	2.5
SE													
SSE													
S	.1	.1										.3	4.5
SSW	.1	.1										.3	2.2
SW	1.5	.7	.7									2.9	3.5
WSW	1.5	1.5	.3									3.3	3.7
W	.2	2.7	.9									3.8	3.7
WNW	.7	5.2	3.3									12.3	5.1
NW	2.4	3.5	2.1									8.0	4.9
NNW	1.1	1.5	.1	.4								3.1	5.3
VARBL													
CALM												1.6	
	12.7	15.1	9.4	1.0								100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 673



JOINT CLIMATOLOGY BRANCH  
AFMSTAC  
AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION INDIAN MOUNTAIN AFB, AR YEARS 72-74 NORTH 34°  
STATION NAME INDIAN MOUNTAIN AFB CLASS ALL WEATHER HOURS (L & T) 24  
CONDITION ALL WEATHER

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2	.5	.1	.2							1.2	3.3
NNE	.2	.3	.3	.2	.2							1.4	3.3
NE	.4	.4	1.2	.4	.2							2.6	7.4
ENE	1.2	1.2	1.7	.2	.2							4.5	5.5
E	1.2	1.2	1.2	.2								4.2	5.1
ESE	1.2	1.2	.2									2.6	7.4
SE	.2	.2	.2									1.2	4.1
SSE	.2	.2	.2		.2							1.2	4.4
S	.2	1.2	.4	.2								2.1	4.7
SSW	1.2	1.2	.7	.2								3.3	5.7
SW	1.4	2.4	1.2	.1								4.7	5.7
WSW	2.4	3.3	1.6	.1								7.4	4.7
W	2.4	3.4	2.2	.3	.2							8.5	5.7
WNW	1.2	2.4	2.6	.3								5.5	5.7
NW	1.1	2.2	2.2	.3								5.3	5.1
NNW	.2	1.2	1.2	.2								4.3	5.1
VARBL													
CALM												7.4	5.1
	17.3	27.7	17.3	2.7	.1							10.2	3.6

TOTAL NUMBER OF OBSERVATIONS 6475



U.S. AIR FORCE  
 CLIMATE BRANCH  
 WEATHER SERVICE/AFD

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 170 INDIAN MOUNTAIN AFB OK 77-52 JUL  
 MONTH  
 CLASS ALL WEATHER  
 HOURS (L & Y)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.4										.5	4.2
NNE	.1	.4										.5	4.2
NE	.1		.1									.4	4.0
ENE		.1	.2									.4	3.8
E		.1										.1	4.0
ESE	.1	.1										.4	4.7
SE		.1										.1	4.0
SSE	.4											.4	2.5
S	1.1	.6	.1									1.7	3.6
SSW	.1	.2										.3	2.5
SW	.1	1.3										3.5	3.0
WSW	.1	2.2	.5									4.6	3.4
W	4.3	4.7	.7									10.2	3.7
WNW	2.1	3.2	1.8									3.4	4.7
NW	.2	3.0	1.2	.1								6.5	4.6
NNW	.5	.5	.7									1.7	5.7
VARBL													
CALM												5.5	
	22.5	17.5	5.4	.1								172.2	1.7

TOTAL NUMBER OF OBSERVATIONS 134



CLIMATE DIVISION  
USAFETAC  
AIR WEATHER SERVICE

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION: 01730 STATION NAME: INDIAN MOUNTAIN AFB, AK YEARS: 77-82 MONTH: JUL  
CLASS: ALL WEATHER HOURS (L & T): 300-0600  
CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.2	.1									.3	3.2
NNE	.2	.2	.1									.7	4.2
NE	.2		.3									.3	2.6
ENE	.2	.1	.1									.4	4.3
E	.4	.7	.1									1.2	4.2
ESE	.4	.2										.7	3.2
SE	.5	.1										.7	2.7
SSE	.2											.3	.7
S	.2	.2	.1									1.1	3.0
SSW	1.1	.2	.2									2.1	3.7
SW	2.3	.5	.3									3.7	3.1
WSW	2.0	2.6	1.3									5.7	4.3
W	4.4	7.2	1.2	.1								7.5	3.9
WNW	2.3	3.2	1.7									7.2	4.6
NW	1.2	2.3	1.6									5.1	5.4
NNW	.5	.9		.1								1.5	4.8
VARBL													
CALM												7.5	
	13.8	15.2	7.2	.2								120.0	1.8

TOTAL NUMBER OF OBSERVATIONS 399



U.S. AIR FORCE  
 AIR FORCE METEOROLOGICAL SERVICE  
 AIR FORCE METEOROLOGICAL SERVICE

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION NAME INDIAN MOUNTAIN AFB AR YEARS 73-81 MONTHS JUL  
 CLASS ALL WEATHER  
 HOURS (LST) 1800-0600  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.6	.6									1.1	1.7
NNE	.7	.7	.1									1.5	2.3
NE	.7	.6	.4									1.7	2.1
ENE	1.7	.7	.4									2.8	2.7
E	2.7	2.7	.3									5.7	3.6
ESE	1.1	1.7	.2									3.0	3.1
SE	.7	.6										1.9	2.4
SSE	.7	.6										1.1	2.1
S	1.7	.7	.1									2.5	1.1
SSW	.7	1.7	1.1									3.5	2.2
SW	1.7	2.7	1.0	.1								5.5	3.3
WSW	.7	2.7	1.7	.7								5.7	3.2
W	1.7	2.7	1.1									5.5	3.2
WNW	1.7	1.4	.5									3.6	3.3
NW	1.7	1.7	.6	.2								4.1	3.1
NNW	.7	.7	.9									2.3	3.4
VARBL													
CALM												4.1	
	22.7	21.6	13.6	.6								116.2	2.5

TOTAL NUMBER OF OBSERVATIONS 595



U.S. AIR FORCE CLIMATOLOGY BRANCH  
 WASHINGTON, D.C. 20330  
 AIR WEATHER SERVICE/MAJ

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

1777 STATION 10000 MOUNTAIN, AK STATION NAME 77-82 YEARS NORTH  
 ALL WEATHERED CLASS 1000-1100 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.2	.5	.1								2.2	1.3
NNE	.3	1.2	.6	.1								2.2	1.6
NE	.4	1.3	.9									2.7	1.4
ENE	1.2	2.6	1.4	.1								5.3	1.3
E	2.3	4.3	1.1	.1								7.8	1.5
ESE	2.3	2.1	.1									4.5	1.5
SE	1.3	.3	.2									1.8	1.5
SSE	.3	.3	.1									1.7	1.5
S	1.2	2.2	.9	.3								4.6	1.3
SSW	2.4	4.3	2.7	.1								9.5	1.1
SW	1.2	4.7	2.7	.7								9.3	1.4
WSW	2.3	4.1	2.7	.1								9.2	1.3
W	.3	4.7	2.6	.4								7.9	1.3
WNW	.4	1.4	1.1	.2								3.1	1.2
NW	.3	1.4	.6	.1								2.4	1.2
NNW	.3	1.7	.7									3.1	1.4
VARBL													
CALM												1.7	
	22.2	39.7	17.7	2.3								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 370



CLIMATE CLIMATOLOGY BRANCH  
AFM/TAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 171 INDIAN MOUNTAIN AFB OK 77-32 YEARS MONTH JUL 1950-1950 HOURS (LST) 1000-1400

CLASS ALL WEATHER

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.1	.6	.2								4.1	4.7
NNE	.5	1.1	.4	.1								3.5	4.9
NE	.4	1.3	.9									3.7	5.5
ENE	.2	2.7	1.2	.1								4.5	5.5
E	1.1	2.7	.6	.2								3.2	4.1
ESE	1.7	2.1	.2									4.3	4.1
SE	.9	1.1		.1								3.1	4.7
SSE	.1	.7	.1									1.3	3.3
S	1.1	1.3	.6									3.5	4.7
SSW	1.1	3.7	1.2	.2								5.2	5.5
SW	1.7	3.7	3.4	.4								5.7	5.7
WSW	.8	4.4	2.4	.4								4.3	5.7
W	1.7	5.1	4.7	.9								13.3	5.2
WNW	.2	1.3	1.4	.1	.1							4.3	5.3
NW	.2	2.2	1.1	.7								4.5	5.7
NNW	.7	1.7	.3									2.4	5.7
VARBL													
CALM												1.2	
	22.4	37.6	20.2	3.2	.1							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 771



U.S. AIR FORCE  
 1950  
 WASHINGTON, D.C.

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME WINDY HARBOR YEARS 1950-51 MONTH NOV  
 CLASS ALL  
 CONDITION ALL

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.0										1.0	1.0
NNE	1.0	1.0	1.0	1.0								4.0	1.0
NE	1.0	1.0	1.0	1.0								4.0	1.0
ENE	1.0	1.0	1.0	1.0								4.0	1.0
E	1.0	1.0	1.0	1.0								4.0	1.0
ESE	1.0	1.0	1.0	1.0								4.0	1.0
SE	1.0	1.0	1.0	1.0								4.0	1.0
SSE	1.0	1.0	1.0	1.0								4.0	1.0
S	1.0	1.0	1.0	1.0								4.0	1.0
SSW	1.0	1.0	1.0	1.0								4.0	1.0
SW	1.0	1.0	1.0	1.0								4.0	1.0
WSW	1.0	1.0	1.0	1.0								4.0	1.0
W	1.0	1.0	1.0	1.0								4.0	1.0
WNW	1.0	1.0	1.0	1.0								4.0	1.0
NW	1.0	1.0	1.0	1.0								4.0	1.0
NNW	1.0	1.0	1.0	1.0								4.0	1.0
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 14



AD-A131 195 INDIAN MOUNTAIN AFS ALASKA REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBS..(U) AIR FORCE ENVIRONMENTAL  
TECHNICAL APPLICATIONS CENTER SCOTT A. JUN 83  
UNCLASSIFIED USAFETAC/DS-83/023 SBI-AD-E850 400 F/G 4/2

INDIAN MOUNTAIN AFS ALASKA REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBS..(U) AIR FORCE ENVIRONMENTAL  
TECHNICAL APPLICATIONS CENTER SCOTT A.. JUN 83  
USAFETAC/DS-83/023 SBI-AD-E850 400 F/G 4/2

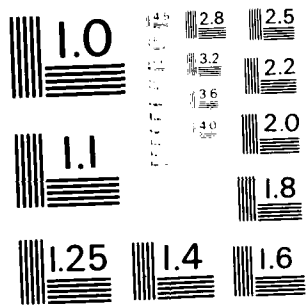
216

UNCLASSIFIED

F/G 4/2

NL<sup>1</sup>





MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS - 1963-A



ALBUQUERQUE, N.M.  
 1964  
 1965

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION ALBUQUERQUE, N.M. STATION NAME ALBUQUERQUE YEARS 1964-1965 MONTH ALL MONTHS

CLASS ALL CONDITION ALL

HOURS ALL

SPEED (KNTS.) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N												
NNE												
NE												
ENE												
E												
ESE												
SE												
SSE												
S												
SSW												
SW												
WSW												
W												
WNW												
NW												
NNW												
VARBL												
CALM												

TOTAL NUMBER OF OBSERVATIONS



# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_  
CLASS \_\_\_\_\_ HOURS \_\_\_\_\_  
CONDITION \_\_\_\_\_

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N												
NNE												
NE												
ENE												
E												
ESE												
SE												
SSE												
S												
SSW												
SW												
WSW												
W												
WNW												
NW												
NNW												
VARBL												
CALM												

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_



# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION

STATION NAME

YEARS

MONTH

CLASS

HOURS

CONDITION

SPEED KNTS. DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N												
NNE												
NE												
ENE												
E												
ESE												
SE												
SSE												
S												
SSW												
SW												
WSW												
W												
WNW												
NW												
NNW												
VARBL												
CALM												

TOTAL NUMBER OF OBSERVATIONS

USAFETAL FORM 10-64 OR 10-64A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_

CLASS \_\_\_\_\_

CONDITION \_\_\_\_\_

MO. YR. \_\_\_\_\_

SPEED KNTS, DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_



# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_  
 CLASS \_\_\_\_\_  
 CONDITION \_\_\_\_\_

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_



# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ SOUTH \_\_\_\_\_  
CLASS \_\_\_\_\_ HOUSE \_\_\_\_\_  
CONDITION \_\_\_\_\_

SPEED KNTS. DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS



PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

STATION	STATION NAME	YEARS	MONTH
	ALL		
	CLASS		
	CONDITION		

[illegible]

TOTAL NUMBER OF OBSERVATIONS 12



WIND DIRECTION AND SPEED  
 FROM HOURLY OBSERVATIONS

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

STATION 22-50 STATION NAME 22-50 YEARS 22-50 MONTH 22-50

CLASS 22-50 HOURS 22-50

CONDITION 22-50

SPEED KNTS. DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1											
NNE													
NE													
ENE	1				1								
E													
ESE													
SE		1											
SSE													
S													
SSW													
SW													
WSW	1				1								
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-5 OL A (REV. 1-54) (THIS FORM AND THE



# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_  
 CLASS \_\_\_\_\_ HOURS \_\_\_\_\_  
 CONDITION \_\_\_\_\_

SPEED KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.	.	.	.	.	.	.	.	.	.	.	.	.
NNE	.	1.1	.	.	.	.	.	.	.	.	.	.	.
NE	.	1.1	1.1	.	.	.	.	.	.	.	.	.	.
ENE	.	2.4	1.7	.	.	.	.	.	.	.	.	.	.
E	.	5.1	1.7	.	.	.	.	.	.	.	.	.	.
ESE	.	1.7	.	.	.	.	.	.	.	.	.	.	.
SE	.	.	.	.	.	.	.	.	.	.	.	.	.
SSE	1.2	1.1	.	.	.	.	.	.	.	.	.	.	.
S	1.1	1.4	.	.	.	.	.	.	.	.	.	.	.
SSW	1.1	1.7	1.7	.	.	.	.	.	.	.	.	.	.
SW	.	3.4	1.7	1.1	.	.	.	.	.	.	.	.	.
WSW	1.1	4.4	3.1	.	.	.	.	.	.	.	.	.	.
W	4.4	4.4	1.2	.	.	.	.	.	.	.	.	.	.
WNW	.	1.7	1.7	.	.	.	.	.	.	.	.	.	.
NW	.	2.4	1.7	1.1	.	.	.	.	.	.	.	.	.
NNW	1.7	1.7	1.2	.	.	.	.	.	.	.	.	.	.
VARBL	.	.	.	.	.	.	.	.	.	.	.	.	.
CALM	.	.	.	.	.	.	.	.	.	.	.	.	.

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_



ALBUQUERQUE AIRPORT  
 ALBUQUERQUE, NEW MEXICO

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION ALBUQUERQUE AIRPORT STATION NAME ALBUQUERQUE AIRPORT YEARS 77-78, 79-80 MONTH NOVEMBER  
 CLASS ALL CONDITION ALL

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1	.1									.1	1.1
NNE	.1	.1	.4									.1	1.1
NE	.1	.1	.3	.1								.1	1.1
ENE	.1	.1	.2									.1	1.1
E	.1	.1	.1									.1	1.1
ESE	.1	.1										.1	1.1
SE	.1	.1										.1	1.1
SSE	.1	.1										.1	1.1
S	.1	.1										.1	1.1
SSW	.1	.1	.1									.1	1.1
SW	.1	.1	.1									.1	1.1
WSW	.1	.1	.1									.1	1.1
W	.1	.1	.1	.1								.1	1.1
WNW	.1	.1	.1	.1								.1	1.1
NW	.1	.1	.1	.1								.1	1.1
NNW	.1	.1	.1									.1	1.1
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 50



NO CLIMATE DATA  
 DATE: 10/1/75

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

STATION: 177 STATION NAME: CLARK MOUNTAIN SFC YEARS: 77-78 MONTH:

CLASS: ALL NOCS: 157

CONDITION:

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		7										7	
NNE			4									4	
NE			4									4	
ENE		7										7	
E													
ESE		7										7	
SE													
SSE		1										1	
S		4										4	
SSW		1										1	
SW			1		1							2	
WSW		1		4								5	
W		3		1								4	
WNW		3		5								8	
NW		2		7								9	
NNW		7		7								14	
VARBL													
CALM		7	1	1	1							10	

TOTAL NUMBER OF OBSERVATIONS: 100



41. CLIMATE STATION  
 STATION  
 DATE

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION STATION NAME YEARS MONTH  
 CLASS  
 CONDITION

SPEED (KNTS; DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS



# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 7 STATION NAME 77-1 YEARS 1961-1962 NORTH 100  
 CLASS 1  
 CONDITION 1

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS



1. ALL DATA TO BE REPORTED  
 2. ALL DATA TO BE REPORTED  
 3. ALL DATA TO BE REPORTED

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_  
 CLASS \_\_\_\_\_  
 CONDITION \_\_\_\_\_  
 HOURS (L.S.T.) \_\_\_\_\_

SPEED (KNTS): DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_



1. NAME OF STATION  
 2. LOCATION  
 3. DATE OF OBSERVATION

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

**SURFACE WINDS**

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_  
 CLASS \_\_\_\_\_ HOURS \_\_\_\_\_  
 CONDITION \_\_\_\_\_

SPEED KNTS Dir	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_



# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION NAME: ALL STATE CLASS: ALL STATE MONTH: ALL YEAR: 77-78

CONDITION: ALL

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N				.1									
NNE				.2									
NE			1.7	2.7	.3	.1							
ENE			4.7	2.6	.7								
E	.1		2.3	1.2	.5	.1							
ESE	.4	.7	.9										
SE	.4	1.5											
SSE	.2												
S													
SSW		1.7	.4										
SW		1.7	.6										
WSW		1.5	.5										
W		1.7	.7	.1									
WNW	1.7	1.7	.7	.1									
NW				.1									
NNW	.1		.7	.2									
VARBL													
CALM													
	1.4	2.7	14.4	7.4	.1	.7							

TOTAL NUMBER OF OBSERVATIONS: 100



# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION NAME 77-1 YEARS 1954-1955 MONTH 1-12  
CLASS ALL HOURS 1-24  
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 24



1. CLIMATE DATA  
 2. METEOROLOGICAL DATA  
 3. WEATHER SERVICE DATA

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ NORTH \_\_\_\_\_  
 CLASS \_\_\_\_\_  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_



ALBUQUERQUE, N.M.

1957

STATION NO. 11017

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_  
CLASS \_\_\_\_\_  
CONDITION \_\_\_\_\_

SPEED KNTS, DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 700



# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

STATION STATION NAME YEARS MONTH CLASS HOURS SET CONDITION

SPEED KNTS, DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

UNCLASSIFIED FROM OBSOL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	DIRECTION
	A L A T O		NORTH
	CLASS		NO. OF TESTS
	CONDITION		

SPEED (KNTS, DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.	.	7	1									0.1
NNE	.	.	2	1									0.1
NE	.	1	1	1	4	2							0.1
ENE	.	5	4	5	5	2							0.1
E	1	5	1	5	2	2							0.1
ESE	.	1		.									0.1
SE	.	.	1										0.1
SSE	.	.	.										0.1
S	1	.	5										0.1
SSW	1	1	3										0.1
SW	1	1	3										0.1
WSW	.	1	1	.									0.1
W	.	5	6	2									0.1
WNW	1	1	2	.									0.1
NW	.	1	.	5									0.1
NNW	.	.	7	1									0.1
VARBI													
CALM													
	1.0	1.7	1.7	0.0	1.1	0.1							



# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_  
CLASS \_\_\_\_\_ HOURS \_\_\_\_\_  
CONDITION \_\_\_\_\_

SPEED KNTS. DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

USAFETAC 1-100 0-15-01 A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE







ANALYST'S NAME  
 DATE  
 STATION NUMBER

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_  
 CLASS \_\_\_\_\_  
 CONDITION \_\_\_\_\_  
 HOURS LIST \_\_\_\_\_

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													
	1.3	17.7	12.6	5.4	4.5								

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_



4. CONTROL OF STATION  
 NAME  
 DATE

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 7 STATION NAME DAKOTA, ND YEARS 77-78 MONTH 1  
 CLASS ALL WEATHER HOURS 24  
 CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N			7										
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 1



PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

[illegible]

TOTAL NUMBER OF OBSERVATIONS



PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

總編輯 李 洪

NO. 100 100

[illegible]

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 10-64 0-15 (OL A) (Rev. 1-64) (1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12) (13) (14) (15) (16) (17) (18) (19) (20) (21) (22) (23) (24) (25) (26) (27) (28) (29) (30) (31) (32) (33) (34) (35) (36) (37) (38) (39) (40) (41) (42) (43) (44) (45) (46) (47) (48) (49) (50) (51) (52) (53) (54) (55) (56) (57) (58) (59) (60) (61) (62) (63) (64) (65) (66) (67) (68) (69) (70) (71) (72) (73) (74) (75) (76) (77) (78) (79) (80) (81) (82) (83) (84) (85) (86) (87) (88) (89) (90) (91) (92) (93) (94) (95) (96) (97) (98) (99) (100) (101) (102) (103) (104) (105) (106) (107) (108) (109) (110) (111) (112) (113) (114) (115) (116) (117) (118) (119) (120) (121) (122) (123) (124) (125) (126) (127) (128) (129) (130) (131) (132) (133) (134) (135) (136) (137) (138) (139) (140) (141) (142) (143) (144) (145) (146) (147) (148) (149) (150) (151) (152) (153) (154) (155) (156) (157) (158) (159) (160) (161) (162) (163) (164) (165) (166) (167) (168) (169) (170) (171) (172) (173) (174) (175) (176) (177) (178) (179) (180) (181) (182) (183) (184) (185) (186) (187) (188) (189) (190) (191) (192) (193) (194) (195) (196) (197) (198) (199) (200) (201) (202) (203) (204) (205) (206) (207) (208) (209) (210) (211) (212) (213) (214) (215) (216) (217) (218) (219) (220) (221) (222) (223) (224) (225) (226) (227) (228) (229) (230) (231) (232) (233) (234) (235) (236) (237) (238) (239) (240) (241) (242) (243) (244) (245) (246) (247) (248) (249) (250) (251) (252) (253) (254) (255) (256) (257) (258) (259) (260) (261) (262) (263) (264) (265) (266) (267) (268) (269) (270) (271) (272) (273) (274) (275) (276) (277) (278) (279) (280) (281) (282) (283) (284) (285) (286) (287) (288) (289) (290) (291) (292) (293) (294) (295) (296) (297) (298) (299) (300) (301) (302) (303) (304) (305) (306) (307) (308) (309) (310) (311) (312) (313) (314) (315) (316) (317) (318) (319) (320) (321) (322) (323) (324) (325) (326) (327) (328) (329) (330) (331) (332) (333) (334) (335) (336) (337) (338) (339) (340) (341) (342) (343) (344) (345) (346) (347) (348) (349) (350) (351) (352) (353) (354) (355) (356) (357) (358) (359) (360) (361) (362) (363) (364) (365) (366) (367) (368) (369) (370) (371) (372) (373) (374) (375) (376) (377) (378) (379) (380) (381) (382) (383) (384) (385) (386) (387) (388) (389) (390) (391) (392) (393) (394) (395) (396) (397) (398) (399) (400) (401) (402) (403) (404) (405) (406) (407) (408) (409) (410) (411) (412) (413) (414) (415) (416) (417) (418) (419) (420) (421) (422) (423) (424) (425) (426) (427) (428) (429) (430) (431) (432) (433) (434) (435) (436) (437) (438) (439) (440) (441) (442) (443) (444) (445) (446) (447) (448) (449) (450) (451) (452) (453) (454) (455) (456) (457) (458) (459) (460) (461) (462) (463) (464) (465) (466) (467) (468) (469) (470) (471) (472) (473) (474) (475) (476) (477) (478) (479) (480) (481) (482) (483) (484) (485) (486) (487) (488) (489) (490) (491) (492) (493) (494) (495) (496) (497) (498) (499) (500) (501) (502) (503) (504) (505) (506) (507) (508) (509) (510) (511) (512) (513) (514) (515) (516) (517) (518) (519) (520) (521) (522) (523) (524) (525) (526) (527) (528) (529) (530) (531) (532) (533) (534) (535) (536) (537) (538) (539) (540) (541) (542) (543) (544) (545) (546) (547) (548) (549) (550) (551) (552) (553) (554) (555) (556) (557) (558) (559) (560) (561) (562) (563) (564) (565) (566) (567) (568) (569) (570) (571) (572) (573) (574) (575) (576) (577) (578) (579) (580) (581) (582) (583) (584) (585) (586) (587) (588) (589) (590) (591) (592) (593) (594) (595) (596) (597) (598) (599) (600) (601) (602) (603) (604) (605) (606) (607) (608) (609) (610) (611) (612) (613) (614) (615) (616) (617) (618) (619) (620) (621) (622) (623) (624) (625) (626) (627) (628) (629) (630) (631) (632) (633) (634) (635) (636) (637) (638) (639) (640) (641) (642) (643) (644) (645) (646) (647) (648) (649) (650) (651) (652) (653) (654) (655) (656) (657) (658) (659) (660) (661) (662) (663) (664) (665) (666) (667) (668) (669) (670) (671) (672) (673) (674) (675) (676) (677) (678) (679) (680) (681) (682) (683) (684) (685) (686) (687) (688) (689) (690) (691) (692) (693) (694) (695) (696) (697) (698) (699) (700) (701) (702) (703) (704) (705) (706) (707) (708) (709) (710) (711) (712) (713) (714) (715) (716) (717) (718) (719) (720) (721) (722) (723) (724) (725) (726) (727) (728) (729) (730) (731) (732) (733) (734) (735) (736) (737) (738) (739) (740) (741) (742) (743) (744) (745) (746) (747) (748) (749) (750) (751) (752) (753) (754) (755) (756) (757) (758) (759) (760) (761) (762) (763) (764) (765) (766) (767) (768) (769) (770) (771) (772) (773) (774) (775) (776) (777) (778) (779) (780) (781) (782) (783) (784) (785) (786) (787) (788) (789) (790) (791) (792) (793) (794) (795) (796) (797) (798) (799) (800) (801) (802) (803) (804) (805) (806) (807) (808) (809) (810) (811) (812) (813) (814) (815) (816) (817) (818) (819) (820) (821) (822) (823) (824) (825) (826) (827) (828) (829) (830) (831) (832) (833) (834) (83



U.S. AIR FORCE  
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# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 73.75-02 STATION NAME ALL-STATE YEARS 1951-1952 MONTH 1951

CLASS ALL-STATE

CONDITION

HOURLY OBSERVATIONS 1951

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 1951



U.S. DEPARTMENT OF COMMERCE  
BUREAU OF MARINE SERVICE

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_  
 CLASS \_\_\_\_\_  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
N E													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS



# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_  
 CLASS \_\_\_\_\_ HOURS \_\_\_\_\_  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS



ADJUTANT GENERAL  
 1917  
 1918

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION NAME STATION NAME YEARS 1917-1918 MONTH ALL MONTHS  
 CLASS ALL MONTHS HOURS ALL  
 CONDITION ALL

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	MEAN WIND SPEED
N												
NNE				1								
NE				1.2								
ENE		1	3	1.1	1.1							
E		2	4	1.5	1.5							
ESE		1.5	1.5	1.5								
SE												
SSE		1										
S												
SSW												
SW												
WSW												
W												
WNW												
NW												
NNW												
VARBL												
CALM												

TOTAL NUMBER OF OBSERVATIONS



PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

STATION

STATION NAME

TEARS

●●●●●

CLASS

### CONCLUSION

[illegible]

TOTAL NUMBER OF OBSERVATIONS

USAFPLAC 1 RM 3-5 OL A 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30



PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

STATION

STATION NAME

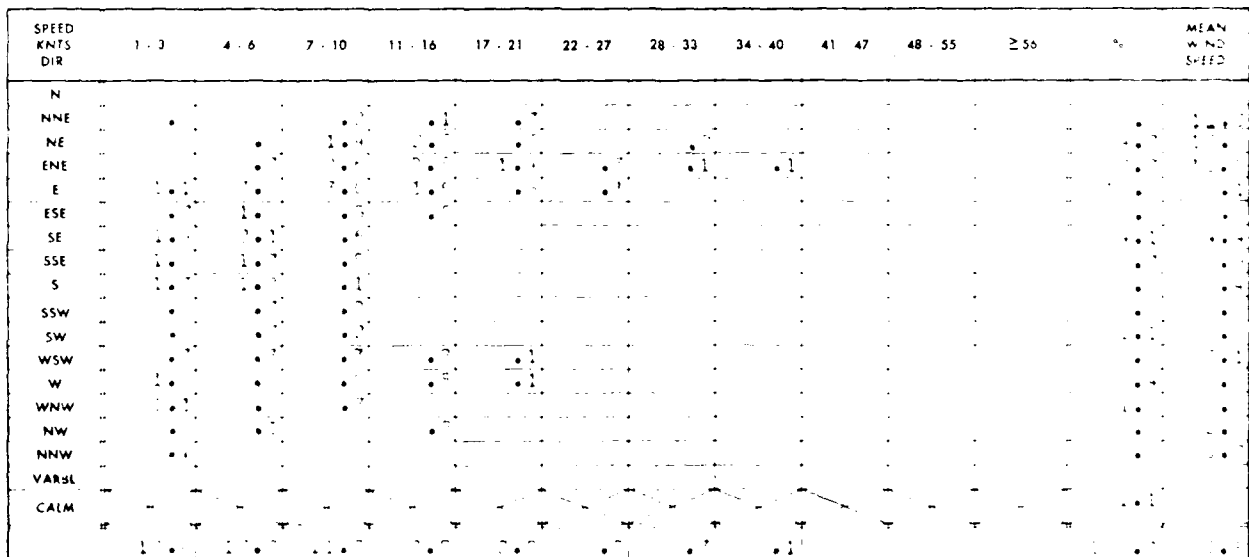
**YEARS**

●●●●●

**CLASS**

HOURS : 57

CONDITION



TOTAL NUMBER OF OBSERVATIONS

LAFFA, L. M., OL A. 1974. 1975. 1976. 1977. 1978. 1979. 1980. 1981. 1982. 1983. 1984. 1985. 1986. 1987. 1988. 1989. 1990. 1991. 1992. 1993. 1994. 1995. 1996. 1997. 1998. 1999. 2000. 2001. 2002. 2003. 2004. 2005. 2006. 2007. 2008. 2009. 2010. 2011. 2012. 2013. 2014. 2015. 2016. 2017. 2018. 2019. 2020. 2021. 2022. 2023. 2024. 2025. 2026. 2027. 2028. 2029. 2030. 2031. 2032. 2033. 2034. 2035. 2036. 2037. 2038. 2039. 2040. 2041. 2042. 2043. 2044. 2045. 2046. 2047. 2048. 2049. 2050. 2051. 2052. 2053. 2054. 2055. 2056. 2057. 2058. 2059. 2060. 2061. 2062. 2063. 2064. 2065. 2066. 2067. 2068. 2069. 2070. 2071. 2072. 2073. 2074. 2075. 2076. 2077. 2078. 2079. 2080. 2081. 2082. 2083. 2084. 2085. 2086. 2087. 2088. 2089. 2090. 2091. 2092. 2093. 2094. 2095. 2096. 2097. 2098. 2099. 2100. 2101. 2102. 2103. 2104. 2105. 2106. 2107. 2108. 2109. 2110. 2111. 2112. 2113. 2114. 2115. 2116. 2117. 2118. 2119. 2120. 2121. 2122. 2123. 2124. 2125. 2126. 2127. 2128. 2129. 2130. 2131. 2132. 2133. 2134. 2135. 2136. 2137. 2138. 2139. 2140. 2141. 2142. 2143. 2144. 2145. 2146. 2147. 2148. 2149. 2150. 2151. 2152. 2153. 2154. 2155. 2156. 2157. 2158. 2159. 2160. 2161. 2162. 2163. 2164. 2165. 2166. 2167. 2168. 2169. 2170. 2171. 2172. 2173. 2174. 2175. 2176. 2177. 2178. 2179. 2180. 2181. 2182. 2183. 2184. 2185. 2186. 2187. 2188. 2189. 2190. 2191. 2192. 2193. 2194. 2195. 2196. 2197. 2198. 2199. 2200. 2201. 2202. 2203. 2204. 2205. 2206. 2207. 2208. 2209. 2210. 2211. 2212. 2213. 2214. 2215. 2216. 2217. 2218. 2219. 2220. 2221. 2222. 2223. 2224. 2225. 2226. 2227. 2228. 2229. 2230. 2231. 2232. 2233. 2234. 2235. 2236. 2237. 2238. 2239. 2240. 2241. 2242. 2243. 2244. 2245. 2246. 2247. 2248. 2249. 2250. 2251. 2252. 2253. 2254. 2255. 2256. 2257. 2258. 2259. 2260. 2261. 2262. 2263. 2264. 2265. 2266. 2267. 2268. 2269. 2270. 2271. 2272. 2273. 2274. 2275. 2276. 2277. 2278. 2279. 2280. 2281. 2282. 2283. 2284. 2285. 2286. 2287. 2288. 2289. 2290. 2291. 2292. 2293. 2294. 2295. 2296. 2297. 2298. 2299. 2300. 2301. 2302. 2303. 2304. 2305. 2306. 2307. 2308. 2309. 2310. 2311. 2312. 2313. 2314. 2315. 2316. 2317. 2318. 2319. 2320. 2321. 2322. 2323. 2324. 2325. 2326. 2327. 2328. 2329. 2330. 2331. 2332. 2333. 2334. 2335. 2336. 2337. 2338. 2339. 2340. 2341. 2342. 2343. 2344. 2345. 2346. 2347. 2348. 2349. 2350. 2351. 2352. 2353. 2354. 2355. 2356. 2357. 2358. 2359. 2360. 2361. 2362. 2363. 2364. 2365. 2366. 2367. 2368. 2369. 2370. 2371. 2372. 2373. 2374. 2375. 2376. 2377. 2378. 2379. 2380. 2381. 2382. 2383. 2384. 2385. 2386. 2387. 2388. 2389. 2390. 2391. 2392. 2393. 2394. 2395. 2396. 2397. 2398. 2399. 2400. 2401. 2402. 2403. 2404. 2405. 2406. 2407. 2408. 2409. 2410. 2411. 2412. 2413. 2414. 2415. 2416. 2417. 2418. 2419. 2420. 2421. 2422. 2423. 2424. 2425. 2426. 2427. 2428. 2429. 2430. 2431. 2432. 2433. 2434. 2435. 2436. 2437. 2438. 2439. 2440. 2441. 2442. 2443. 2444. 2445. 2446. 2447. 2448. 2449. 2450. 2451. 2452. 2453. 2454. 2455. 2456. 2457. 2458. 2459. 2460. 2461. 2462. 2463. 2464. 2465. 2466. 2467. 2468. 2469. 2470. 2471. 2472. 2473. 2474. 2475. 2476. 2477. 2478. 2479. 2480. 2481. 2482. 2483. 2484. 2485. 2486. 2487. 2488. 2489. 2490. 2491. 2492. 2493. 2494. 2495. 2496. 2497. 2498. 2499. 2500. 2501. 2502. 2503. 2504. 2505. 2506. 2507. 2508. 2509. 2510. 2511. 2512. 2513. 2514. 2515. 2516. 2517. 2518. 2519. 2520. 2521. 2522. 2523. 2524. 2525. 2526. 2527. 2528. 2529. 2530. 2531. 2532. 2533. 2534. 2535. 2536. 2537. 2538. 2539. 2540. 2541. 2542. 2543. 2544. 2545. 2546. 2547. 2548. 2549. 2550. 2551. 2552. 2553. 2554. 2555. 2556. 2557. 2558. 2559. 2560. 2561. 2562. 2563. 2564. 2565. 2566. 2567. 2568. 2569. 2570. 2571. 2572. 2573. 2574. 2575. 2576. 2577. 2578. 2579. 2580. 2581. 2582. 2583. 2584. 2585. 2586. 2587. 2588. 2589. 2590. 2591. 2592. 2593. 2594. 2595. 2596. 2597. 2598. 2599. 2600. 2601. 2602. 2603. 2604. 2605. 2606. 2607. 2608. 2609. 2610. 2611. 2612. 2613. 2614. 2615. 2616. 2617. 2618. 2619. 2620. 2621. 2622. 2623. 2624. 2625. 2626. 2627. 2628. 2629. 2630. 2631. 2632. 2633. 2634. 2635. 2636. 2637. 2638. 2639. 2640. 2641. 2642. 2643. 2644. 2645. 2646. 2647. 2648. 2649. 2650. 2651. 2652. 2653. 26







# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_  
 CLASS \_\_\_\_\_  
 CONDITION \_\_\_\_\_  
 HOURS \_\_\_\_\_

SPEED KNTS, DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_



# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_  
 CLASS \_\_\_\_\_  
 CONDITION \_\_\_\_\_

SPEED (KNTS. DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_



U.S. AIR FORCE CLIMATE DIVISION  
 WIND  
 SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
 DIRECTION AND SPEED  
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION ALBUQUERQUE, NM STATION NAME ALBUQUERQUE YEARS 77-78, 77-79 MONTH ALL  
 CLASS ALL HOURS ALL  
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE		1	1		1								
NE		1	1	1	1	1							
ENE		1	1	1	1	1							
E	1	1	1	1	1	1							
ESE		1	1	1	1	1							
SE	1	1	1	1	1	1							
SSE		1	1	1	1	1							
S		1	1	1	1	1							
SSW		1	1	1	1	1							
SW		1	1	1	1	1							
WSW		1	1	1	1	1							
W		1	1	1	1	1							
WNW		1	1	1	1	1							
NW		1	1	1	1	1							
NNW		1	1	1	1	1							
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 100



# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_  
CLASS \_\_\_\_\_  
CONDITION \_\_\_\_\_

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS



RECEIVED AT: [illegible]  
 DATE: [illegible]  
 TIME: [illegible]

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION: \_\_\_\_\_ STATION NAME: \_\_\_\_\_ YEARS: \_\_\_\_\_ MONTH: \_\_\_\_\_  
 CLASS: \_\_\_\_\_ HOURS: \_\_\_\_\_  
 CONDITION: \_\_\_\_\_

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBFR OF OBSERVATIONS



# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
CLASS		NO. OF L.S.T.	
CONDITION			

SPEED KNTS. DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS



1. CLIMATE DATA  
 2. WIND  
 3. SURFACE WINDS

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_  
 CLASS \_\_\_\_\_ HOURS \_\_\_\_\_  
 CONDITION \_\_\_\_\_

SPEED KNTS, DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS



# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_  
CLASS \_\_\_\_\_ HOUR \_\_\_\_\_  
CONDITION \_\_\_\_\_

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE			1.1	1.7	1.8								
ENE			2.7	1.4	2.4			1.1					
E			4.1	1.8	1.1								
ESE			1.7										
SE			1.7										
SSE			1.1										
S													
SSW													
SW				1.1									
WSW				1.1									
W				1.7									
WNW													
NW				1.7									
NNW				1.1									
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_



PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

[illegible]

TOTAL NUMBER OF OBSERVATIONS



# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_  
 CLASS \_\_\_\_\_  
 CONDITION \_\_\_\_\_  
 HOURS OF DAY \_\_\_\_\_

SPEED KNTS; DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS



ADDITIONAL DATA

DATE

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_

CLASS \_\_\_\_\_

CONDITION \_\_\_\_\_

HOURLY \_\_\_\_\_

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS



# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND  
DIRECTION AND SPEED  
(FROM HOURLY OBSERVATIONS)

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_  
CLASS \_\_\_\_\_ NO. BS \_\_\_\_\_  
CONDITION \_\_\_\_\_

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N				1	1								
NNE				1	1								
NE			1	1	1	1	1						
ENE			1	1	1	1	1						
E		1	1	1	1	1	1						
ESE		1	1	1	1	1	1						
SE		1	1	1	1	1	1						
SSE			1	1	1	1	1						
S			1	1	1	1	1						
SSW			1	1	1	1	1						
SW			1	1	1	1	1						
WSW			1	1	1	1	1						
W			1	1	1	1	1						
WNW			1	1	1	1	1						
NW			1	1	1	1	1						
NNW			1	1	1	1	1						
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_



ALBUQUERQUE, N.M.  
 1950-1959  
 10000

# **SURFACE WINDS**

## **PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)**

STATION ALBUQUERQUE, N.M. STATION NAME ALBUQUERQUE YEARS 1950-1959 MONTH ALL MONTHS

CLASS 10000

CONDITION

SPEED KNTS; DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 10000



ADDITIONAL INFORMATION  
 DATE 10/21/74

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_  
 CLASS \_\_\_\_\_  
 CONDITION \_\_\_\_\_

SPEED (KNTS), DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 474



# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_  
 CLASS \_\_\_\_\_ HOURLY SET \_\_\_\_\_  
 CONDITION \_\_\_\_\_

SPEED (KNTS): DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_

USAFETAC FORM 04 OBS. OL A (REV. 1-64) (NO. OF THIS FORM ARE 100)



# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_

INSTRUMENT \_\_\_\_\_ CLASS \_\_\_\_\_

CONDITION \_\_\_\_\_

DATE OF OBSERVATION \_\_\_\_\_

SPEED (KNTS)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
DIR													
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_



## PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be limited to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period 1 through June 1949. Beginning in July 1949 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 0.10 total sky cover and those cases where total sky cover is 0.10 or more, but not more than 1.0 if the sky cover is opaque.

Beginning in January 1949, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1949.

Continued on Reverse Side



EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 9	≥ 8	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 0	≥ 0	≥ 0
NO CEILING													
≥ 1800													
≥ 1500						91.0							92.6
≥ 1200													
≥ 1000													
≥ 900													
≥ 800													
≥ 700													
≥ 600													
≥ 500										97.4			98.1
≥ 400													
≥ 300													
≥ 200													
≥ 100													
≥ 0						95.4		96.9		98.3			99.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed  $\geq 0$ .  
For instance, from the table: Ceiling  $\geq 1500$  feet = 92.6%.  
Ceiling  $\geq 500$  feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite  $\geq 0$ . From the table:  
Visibility  $\geq 3$  miles = 95.4%.  
Visibility  $\geq 2$  miles = 96.9%.  
Visibility  $\geq 1$  mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling  $\geq 1500$  feet with visibility  $\geq 3$  miles = 91.0%.



#### ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.  
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of  $\geq 1500$  feet with  $\geq 3$  miles, subtracted from 97.4 read from the table at the intersection of  $\geq 500$  feet with  $\geq 1$  mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling  $\geq 500$  feet with visibility  $\geq 1$  mile, but < 3 miles; or ceiling  $\geq 500$  feet, but < 1500 feet with visibility  $\geq 1$  mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.



# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

CEILING	1000	900	800	700	600	500	400	300	200	100	50	25	10	5	2	1	0
1000	1.1	3.7	12.7	21.1	25.1	21.5	15.5	10.5	6.5	3.5	1.5	0.5	0.1	0.1	0.1	0.1	0.1
900	1.7	5.7	14.7	23.7	27.7	24.1	18.1	13.1	8.1	4.1	2.1	0.7	0.3	0.1	0.1	0.1	0.1
800	1.7	5.7	14.7	23.7	27.7	24.1	18.1	13.1	8.1	4.1	2.1	0.7	0.3	0.1	0.1	0.1	0.1
700	1.7	5.7	14.7	23.7	27.7	24.1	18.1	13.1	8.1	4.1	2.1	0.7	0.3	0.1	0.1	0.1	0.1
600	1.7	5.7	14.7	23.7	27.7	24.1	18.1	13.1	8.1	4.1	2.1	0.7	0.3	0.1	0.1	0.1	0.1
500	1.7	5.7	14.7	23.7	27.7	24.1	18.1	13.1	8.1	4.1	2.1	0.7	0.3	0.1	0.1	0.1	0.1
400	1.7	5.7	14.7	23.7	27.7	24.1	18.1	13.1	8.1	4.1	2.1	0.7	0.3	0.1	0.1	0.1	0.1
300	1.7	5.7	14.7	23.7	27.7	24.1	18.1	13.1	8.1	4.1	2.1	0.7	0.3	0.1	0.1	0.1	0.1
200	1.7	5.7	14.7	23.7	27.7	24.1	18.1	13.1	8.1	4.1	2.1	0.7	0.3	0.1	0.1	0.1	0.1
100	1.7	5.7	14.7	23.7	27.7	24.1	18.1	13.1	8.1	4.1	2.1	0.7	0.3	0.1	0.1	0.1	0.1
50	1.7	5.7	14.7	23.7	27.7	24.1	18.1	13.1	8.1	4.1	2.1	0.7	0.3	0.1	0.1	0.1	0.1
25	1.7	5.7	14.7	23.7	27.7	24.1	18.1	13.1	8.1	4.1	2.1	0.7	0.3	0.1	0.1	0.1	0.1
10	1.7	5.7	14.7	23.7	27.7	24.1	18.1	13.1	8.1	4.1	2.1	0.7	0.3	0.1	0.1	0.1	0.1
5	1.7	5.7	14.7	23.7	27.7	24.1	18.1	13.1	8.1	4.1	2.1	0.7	0.3	0.1	0.1	0.1	0.1
2	1.7	5.7	14.7	23.7	27.7	24.1	18.1	13.1	8.1	4.1	2.1	0.7	0.3	0.1	0.1	0.1	0.1
1	1.7	5.7	14.7	23.7	27.7	24.1	18.1	13.1	8.1	4.1	2.1	0.7	0.3	0.1	0.1	0.1	0.1
0	1.7	5.7	14.7	23.7	27.7	24.1	18.1	13.1	8.1	4.1	2.1	0.7	0.3	0.1	0.1	0.1	0.1

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_



the 1990s, the number of people in the United States who are 65 years of age or older is projected to increase from 20 million to 30 million, and the number of people 75 years of age or older is projected to increase from 10 million to 15 million (U.S. Census Bureau, 1996).

Figure 1 is a schematic representation of the experimental design. It shows a sequence of events: a subject is presented with a stimulus (a face), then a response is recorded (a button press), and finally, the subject is presented with a feedback stimulus (a face). The sequence is repeated for multiple trials.

USAF E\*AC 0-145 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

[illegible]TOTAL NUMBER OF OBSERVATIONS 10



1997

— 100 —

USAF FORM 1-64 0-14-5-OL A PREVIOUS EDITIONS AND FORMS ARE OBSOLETE



# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

CEILING	1000	900	800	700	600	500	400	300	200	100	0
1000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
900	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
800	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
700	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
600	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
500	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
400	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
300	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
200	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
100	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_



## CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

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TOTAL NUMBER OF OBSERVATIONS

[illegible]



1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Arar and Collins (1971).

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

ॐ नमो भगवते वासुदेवाय

Figure 1. Schematic representation of the experimental design. The subjects were divided into two groups: the control group and the experimental group. The control group was divided into two subgroups: the control group and the experimental group. The experimental group was divided into two subgroups: the control group and the experimental group. The control group was divided into two subgroups: the control group and the experimental group. The experimental group was divided into two subgroups: the control group and the experimental group.

1-2-7-2

TABLE

—

1000

1000

[illegible]TOTAL NUMBER OF OBSERVATIONS 10



[illegible]

\_\_\_\_\_

PERCENTAGE FREQUENCY OF OCCURRENCE

USAF E\*AC 7. 0-4.5 CL A PREVIOUS TO 1965 THE 1000 ARE OBSERVED



[illegible]

Figure 1. Schematic representation of the experimental design. The subjects were divided into two groups: the control group (CG) and the experimental group (EG). The CG was divided into two subgroups: the control group (CG) and the experimental group (EG). The EG was divided into two subgroups: the control group (CG) and the experimental group (EG). The CG was divided into two subgroups: the control group (CG) and the experimental group (EG). The EG was divided into two subgroups: the control group (CG) and the experimental group (EG).

[illegible]

TOTAL NUMBER OF OBSERVATIONS

USAF F-4C 74-0145 OL A PREVIOUS FORM OF THIS FORM ARE OBSOLETE



[illegible]

1. *Chlorophyll a* (Chl *a*) and *Chlorophyll b* (Chl *b*) were determined using a spectrophotometer (Shimadzu UV-1601) at 663 nm and 646 nm, respectively. The concentrations of Chl *a* and Chl *b* were calculated using the following equations: Chl *a* (mg/L) = 12.7 (OD<sub>663</sub> - 0.21 OD<sub>646</sub>) and Chl *b* (mg/L) = 22.9 (OD<sub>646</sub> - 0.21 OD<sub>663</sub>).

USAF EAC 74 0-14-5 OL A previous to 1974



# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

CEILING	1000	900	800	700	600	500	400	300	200	100	50	25	10	5	2	1	0
1000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
900	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
800	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
700	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
600	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
500	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
400	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
300	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
200	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
100	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
50	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
25	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
10	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_



the 1990s, the number of people in the world who are undernourished has declined from 1.1 billion to 800 million. The number of people who are malnourished has declined from 1.5 billion to 1 billion. The number of people who are obese has increased from 100 million to 300 million. The number of people who are overweight has increased from 100 million to 300 million. The number of people who are obese and overweight has increased from 100 million to 300 million. The number of people who are obese and overweight has increased from 100 million to 300 million.

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[illegible]

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_

DATE: 10-14-50 CL A REPLY TO: 10-14-50



PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

[illegible]

USAF FFA 1. 3-14-5 CIA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



*Journal of Management Education* 30(6)

100-443887-100

TOTAL NUMBER OF OBSERVATIONS



1. *Chlorophyll *a** and *Chlorophyll *b** were determined by the method of Arar and Collins (1971).

PERCENTAGE FREQUENCY OF OCCURRENCE

[illegible]TOTAL NUMBER OF OBSERVATIONS 4



1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Lichtenthaler and Sponholz (1980). The total chlorophyll content was determined by the method of Lichtenthaler and Sponholz (1980). The total chlorophyll content was determined by the method of Lichtenthaler and Sponholz (1980).

11. 11. 1947

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1. *Journal of the American Medical Association*, 1997; 277: 1001-1005.

USA: FBI 100-443614-5 CIA REF: 100-443614-5



## CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

[illegible]

TOTAL NUMBER OF OBSERVATIONS.



*Journal of Management Education* 30(6)

[illegible]TOTAL NUMBER OF OBSERVATIONS

✓ SAF F 44 0-14.5 OL A PRO-CUS FOR THE FORM ARE DESIGNED



## CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

[illegible]

TOTAL NUMBER OF OBSERVATIONS



[illegible]

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_



1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Arar and Collins (1971).

1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Arar and Collins (1971).

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

Figure 1. Schematic representation of the experimental design. The subjects were divided into two groups: the control group (CG) and the experimental group (EG). The CG was divided into two subgroups: the control group (CG) and the control group (CG). The EG was divided into two subgroups: the experimental group (EG) and the experimental group (EG). The subjects were divided into two groups: the control group (CG) and the experimental group (EG). The CG was divided into two subgroups: the control group (CG) and the control group (CG). The EG was divided into two subgroups: the experimental group (EG) and the experimental group (EG).

10

[illegible]

TOTAL NUMBER OF OBSERVATIONS 1,000



the 1990s, the number of people in the world who are under 15 years of age is expected to increase from 1.1 billion to 1.5 billion. The number of people aged 65 and over is expected to increase from 200 million to 400 million. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion.

Age Group	2006	2007	2008
18-29	~85	~88	~90
30-49	~75	~78	~80
50-69	~65	~68	~70
70+	~55	~58	~60

[illegible]

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_



[illegible]

— 1 —

[illegible]

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_



## CEILING VERSUS VISIBILITY

TOTAL NUMBER OF OBSERVATIONS

USA: FIAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



[illegible][illegible][illegible]

USAF F-4A 0-145101A PREVIOUS ED 0-145101A 1000 APR 1955



[illegible][illegible]TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_



## CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

[illegible]

TOTAL NUMBER OF OBSERVATIONS



## CEILING VERSUS VISIBILITY

64.1	65.7	67.3	68.9	70.5	72.1	73.7	75.3	76.9	78.5	80.1	81.7	83.3	84.9	86.5	88.1	89.7	91.3	92.9	94.5	96.1	97.7	99.3	100.9	102.5	104.1	105.7	107.3	108.9	110.5	112.1	113.7	115.3	116.9	118.5	120.1	121.7	123.3	124.9	126.5	128.1	129.7	131.3	132.9	134.5	136.1	137.7	139.3	140.9	142.5	144.1	145.7	147.3	148.9	150.5	152.1	153.7	155.3	156.9	158.5	160.1	161.7	163.3	164.9	166.5	168.1	169.7	171.3	172.9	174.5	176.1	177.7	179.3	180.9	182.5	184.1	185.7	187.3	188.9	190.5	192.1	193.7	195.3	196.9	198.5	200.1	201.7	203.3	204.9	206.5	208.1	209.7	211.3	212.9	214.5	216.1	217.7	219.3	220.9	222.5	224.1	225.7	227.3	228.9	230.5	232.1	233.7	235.3	236.9	238.5	240.1	241.7	243.3	244.9	246.5	248.1	249.7	251.3	252.9	254.5	256.1	257.7	259.3	260.9	262.5	264.1	265.7	267.3	268.9	270.5	272.1	273.7	275.3	276.9	278.5	280.1	281.7	283.3	284.9	286.5	288.1	289.7	291.3	292.9	294.5	296.1	297.7	299.3	300.9	302.5	304.1	305.7	307.3	308.9	310.5	312.1	313.7	315.3	316.9	318.5	320.1	321.7	323.3	324.9	326.5	328.1	329.7	331.3	332.9	334.5	336.1	337.7	339.3	340.9	342.5	344.1	345.7	347.3	348.9	350.5	352.1	353.7	355.3	356.9	358.5	360.1	361.7	363.3	364.9	366.5	368.1	369.7	371.3	372.9	374.5	376.1	377.7	379.3	380.9	382.5	384.1	385.7	387.3	388.9	390.5	392.1	393.7	395.3	396.9	398.5	400.1	401.7	403.3	404.9	406.5	408.1	409.7	411.3	412.9	414.5	416.1	417.7	419.3	420.9	422.5	424.1	425.7	427.3	428.9	430.5	432.1	433.7	435.3	436.9	438.5	440.1	441.7	443.3	444.9	446.5	448.1	449.7	451.3	452.9	454.5	456.1	457.7	459.3	460.9	462.5	464.1	465.7	467.3	468.9	470.5	472.1	473.7	475.3	476.9	478.5	480.1	481.7	483.3	484.9	486.5	488.1	489.7	491.3	492.9	494.5	496.1	497.7	499.3	500.9	502.5	504.1	505.7	507.3	508.9	510.5	512.1	513.7	515.3	516.9	518.5	520.1	521.7	523.3	524.9	526.5	528.1	529.7	531.3	532.9	534.5	536.1	537.7	539.3	540.9	542.5	544.1	545.7	547.3	548.9	550.5	552.1	553.7	555.3	556.9	558.5	560.1	561.7	563.3	564.9	566.5	568.1	569.7	571.3	572.9	574.5	576.1	577.7	579.3	580.9	582.5	584.1	585.7	587.3	588.9	590.5	592.1	593.7	595.3	596.9	598.5	600.1	601.7	603.3	604.9	606.5	608.1	609.7	611.3	612.9	614.5	616.1	617.7	619.3	620.9	622.5	624.1	625.7	627.3	628.9	630.5	632.1	633.7	635.3	636.9	638.5	640.1	641.7	643.3	644.9	646.5	648.1	649.7	651.3	652.9	654.5	656.1	657.7	659.3	660.9	662.5	664.1	665.7	667.3	668.9	670.5	672.1	673.7	675.3	676.9	678.5	680.1	681.7	683.3	684.9	686.5	688.1	689.7	691.3	692.9	694.5	696.1	697.7	699.3	700.9	702.5	704.1	705.7	707.3	708.9	710.5	712.1	713.7	715.3	716.9	718.5	720.1</
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USAF ETAC 7. 0-14.5 (OL A) previous editions of this form are obsolete



*Journal of Management Education* 30(6)p.789-806  
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PERCENTAGE FREQUENCY OF OCCURRENCE

[illegible]

USAF ETAT 0-14.5 POL A PREVIOUS FOR NEW AGE 10% (1)



# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

CEILING	1000	900	800	700	600	500	400	300	200	100	50	25	15	10	5	2	1	0
1000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
900	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
800	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
700	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
600	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
500	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
400	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
300	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
200	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
100	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
50	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
25	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
15	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
10	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
5	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_



## CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

[illegible]TOTAL NUMBER OF OBSERVATIONS 27



1. *Phragmites* (common)

10

USAF F-4C 0-145701A previous (0-145701A) are obsolete



[illegible]TOTAL NUMBER OF OBSERVATIONS 10



[illegible]

1. *Phragmites australis* (Cav.) Trin. ex Steud.

100

[illegible]

USAF E'AC 0-14-5 IOL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1	70.1	57.1	4.1	7.1	3.1	1.1	1.1	77.1	7.1	57.1	1.1	7.1	1.1	1.1
2	71.2	58.2	7.1	7.2	7.2	1.2	7.2	78.2	7.2	58.2	1.2	7.2	1.2	1.2
3	72.3	59.3	1.2	1.2	1.2	1.2	1.2	79.3	1.2	59.3	1.2	1.2	1.2	1.2
4	73.4	60.4	1.2	1.2	1.2	1.2	1.2	80.4	1.2	60.4	1.2	1.2	1.2	1.2
5	74.5	61.5	1.2	1.2	1.2	1.2	1.2	81.5	1.2	61.5	1.2	1.2	1.2	1.2
6	75.6	62.6	1.2	1.2	1.2	1.2	1.2	82.6	1.2	62.6	1.2	1.2	1.2	1.2
7	76.7	63.7	1.2	1.2	1.2	1.2	1.2	83.7	1.2	63.7	1.2	1.2	1.2	1.2
8	77.8	64.8	1.2	1.2	1.2	1.2	1.2	84.8	1.2	64.8	1.2	1.2	1.2	1.2
9	78.9	65.9	1.2	1.2	1.2	1.2	1.2	85.9	1.2	65.9	1.2	1.2	1.2	1.2
10	79.0	66.0	1.2	1.2	1.2	1.2	1.2	86.0	1.2	66.0	1.2	1.2	1.2	1.2
11	80.1	67.1	1.2	1.2	1.2	1.2	1.2	87.1	1.2	67.1	1.2	1.2	1.2	1.2
12	81.2	68.2	1.2	1.2	1.2	1.2	1.2	88.2	1.2	68.2	1.2	1.2	1.2	1.2
13	82.3	69.3	1.2	1.2	1.2	1.2	1.2	89.3	1.2	69.3	1.2	1.2	1.2	1.2
14	83.4	70.4	1.2	1.2	1.2	1.2	1.2	90.4	1.2	70.4	1.2	1.2	1.2	1.2
15	84.5	71.5	1.2	1.2	1.2	1.2	1.2	91.5	1.2	71.5	1.2	1.2	1.2	1.2
16	85.6	72.6	1.2	1.2	1.2	1.2	1.2	92.6	1.2	72.6	1.2	1.2	1.2	1.2
17	86.7	73.7	1.2	1.2	1.2	1.2	1.2	93.7	1.2	73.7	1.2	1.2	1.2	1.2
18	87.8	74.8	1.2	1.2	1.2	1.2	1.2	94.8	1.2	74.8	1.2	1.2	1.2	1.2
19	88.9	75.9	1.2	1.2	1.2	1.2	1.2	95.9	1.2	75.9	1.2	1.2	1.2	1.2
20	89.0	76.0	1.2	1.2	1.2	1.2	1.2	96.0	1.2	76.0	1.2	1.2	1.2	1.2
21	90.1	77.1	1.2	1.2	1.2	1.2	1.2	97.1	1.2	77.1	1.2	1.2	1.2	1.2
22	91.2	78.2	1.2	1.2	1.2	1.2	1.2	98.2	1.2	78.2	1.2	1.2	1.2	1.2
23	92.3	79.3	1.2	1.2	1.2	1.2	1.2	99.3	1.2	79.3	1.2	1.2	1.2	1.2
24	93.4	80.4	1.2	1.2	1.2	1.2	1.2	100.4	1.2	80.4	1.2	1.2	1.2	1.2
25	94.5	81.5	1.2	1.2	1.2	1.2	1.2	101.5	1.2	81.5	1.2	1.2	1.2	1.2
26	95.6	82.6	1.2	1.2	1.2	1.2	1.2	102.6	1.2	82.6	1.2	1.2	1.2	1.2
27	96.7	83.7	1.2	1.2	1.2	1.2	1.2	103.7	1.2	83.7	1.2	1.2	1.2	1.2
28	97.8	84.8	1.2	1.2	1.2	1.2	1.2	104.8	1.2	84.8	1.2	1.2	1.2	1.2
29	98.9	85.9	1.2	1.2	1.2	1.2	1.2	105.9	1.2	85.9	1.2	1.2	1.2	1.2
30	99.0	86.0	1.2	1.2	1.2	1.2	1.2	106.0	1.2	86.0	1.2	1.2	1.2	1.2
31	100.1	87.1	1.2	1.2	1.2	1.2	1.2	107.1	1.2	87.1	1.2	1.2	1.2	1.2
32	101.2	88.2	1.2	1.2	1.2	1.2	1.2	108.2	1.2	88.2	1.2	1.2	1.2	1.2
33	102.3	89.3	1.2	1.2	1.2	1.2	1.2	109.3	1.2	89.3	1.2	1.2	1.2	1.2
34	103.4	90.4	1.2	1.2	1.2	1.2	1.2	110.4	1.2	90.4	1.2	1.2	1.2	1.2
35	104.5	91.5	1.2	1.2	1.2	1.2	1.2	111.5	1.2	91.5	1.2	1.2	1.2	1.2
36	105.6	92.6	1.2	1.2	1.2	1.2	1.2	112.6	1.2	92.6	1.2	1.2	1.2	1.2
37	106.7	93.7	1.2	1.2	1.2	1.2	1.2	113.7	1.2	93.7	1.2	1.2	1.2	1.2
38	107.8	94.8	1.2	1.2	1.2	1.2	1.2	114.8	1.2	94.8	1.2	1.2	1.2	1.2
39	108.9	95.9	1.2	1.2	1.2	1.2	1.2	115.9	1.2	95.9	1.2	1.2	1.2	1.2
40	109.0	96.0	1.2	1.2	1.2	1.2	1.2	116.0	1.2	96.0	1.2	1.2	1.2	1.2
41	110.1	97.1	1.2	1.2	1.2	1.2	1.2	117.1	1.2	97.1	1.2	1.2	1.2	1.2
42	111.2	98.2	1.2	1.2	1.2	1.2	1.2	118.2	1.2	98.2	1.2	1.2	1.2	1.2
43	112.3	99.3	1.2	1.2	1.2	1.2	1.2	119.3	1.2	99.3	1.2	1.2	1.2	1.2
44	113.4	100.4	1.2	1.2	1.2	1.2	1.2	120.4	1.2	100.4	1.2	1.2	1.2	1.2
45	114.5	101.5	1.2	1.2	1.2	1.2	1.2	121.5	1.2	101.5	1.2	1.2	1.2	1.2
46	115.6	102.6	1.2	1.2	1.2	1.2	1.2	122.6	1.2	102.6	1.2	1.2	1.2	1.2
47	116.7	103.7	1.2	1.2	1.2	1.2	1.2	123.7	1.2	103.7	1.2	1.2	1.2	1.2
48	117.8	104.8	1.2	1.2	1.2	1.2	1.2	124.8	1.2	104.8	1.2	1.2	1.2	1.2
49	118.9	105.9	1.2	1.2	1.2	1.2	1.2	125.9	1.2	105.9	1.2	1.2	1.2	1.2
50	119.0	106.0	1.2	1.2	1.2	1.2	1.2	126.0	1.2	106.0	1.2	1.2	1.2	1.2
51	120.1	107.1	1.2	1.2	1.2	1.2	1.2	127.1	1.2	107.1	1.2	1.2	1.2	1.2
52	121.2	108.2	1.2	1.2	1.2	1.2	1.2	128.2	1.2	108.2	1.2	1.2	1.2	1.2
53	122.3	109.3	1.2	1.2	1.2	1.2	1.2	129.3	1.2	109.3	1.2	1.2	1.2	1.2
54	123.4	110.4	1.2	1.2	1.2	1.2	1.2	130.4	1.2	110.4	1.2	1.2	1.2	1.2
55	124.5	111.5	1.2	1.2	1.2	1.2	1.2	131.5	1.2	111.5	1.2	1.2	1.2	1.2
56	125.6	112.6	1.2	1.2	1.2	1.2	1.2	132.6	1.2	112.6	1.2	1.2	1.2	1.2
57	126.7	113.7	1.2	1.2	1.2	1.2	1.2	133.7	1.2	113.7	1.2	1.2	1.2	1.2
58	127.8	114.8	1.2	1.2	1.2	1.2	1.2	134.8	1.2	114.8	1.2	1.2	1.2	1.2
59	128.9	115.9	1.2	1.2	1.2	1.2	1.2	135.9	1.2	115.9	1.2	1.2	1.2	1.2
60	129.0	116.0	1.2	1.2	1.2	1.2	1.2	136.0	1.2	116.0	1.2	1.2	1.2	1.2
61	130.1	117.1	1.2	1.2	1.2	1.2	1.2	137.1	1.2	117.1	1.2	1.2	1.2	1.2
62	131.2	118.2	1.2	1.2	1.2	1.2	1.2	138.2	1.2	118.2	1.2	1.2	1.2	1.2
63	132.3	119.3	1.2	1.2	1.2	1.2	1.2	139.3	1.2	119.3	1.2	1.2	1.2	1.2
64	133.4	120.4	1.2	1.2	1.2	1.2	1.2	140.4	1.2	120.4	1.2	1.2	1.2	1.2
65	134.5	121.5	1.2	1.2	1.2	1.2	1.2	141.5	1.2	121.5	1.2	1.2	1.2	1.2
66	135.6	122.6	1.2	1.2	1.2	1.2	1.2	142.6	1.2	122.6	1.2	1.2	1.2	1.2
67	136.7	123.7	1.2	1.2	1.2	1.2	1.2	143.7	1.2	123.7	1.2	1.2	1.2	1.2
68	137.8	124.8	1.2	1.2	1.2	1.2	1.2	144.8	1.2	124.8	1.2	1.2	1.2	1.2
69	138.9	125.9	1.2	1.2	1.2	1.2	1.2	145.9	1.2	125.9	1.2	1.2	1.2	1.2
70	139.0	126.0	1.2	1.2	1.2	1.2	1.2	146.0	1.2	126.0	1.2	1.2	1.2	1.2
71	140.1	127.1	1.2	1.2	1.2	1.2	1.2	147.1	1.2	127.1	1.2	1.2	1.2	1.2
72	141.2	128.2	1.2	1.2	1.2	1.2	1.2	148.2	1.2	128.2	1.2	1.2	1.2	1.2
73	142.3	129.3	1.2	1.2	1.2	1.2	1.2	149.3	1.2	129.3	1.2	1.2	1.2	1.2
74	143.4	130.4	1.2	1.2	1.2	1.2	1.2	150.4	1.2	130.4	1.2	1.2	1.2	1.2
75	144.5	131.5	1.2	1.2	1.2	1.2	1.2	151.5	1.2	131.5	1.2	1.2	1.2	1.2
76	145.6	132.6	1.2	1.2	1.2	1.2	1.2	152.6	1.2	132.6	1.2	1.2	1.2	1.2
77	146.7	133.7	1.2	1.2	1.2	1.2	1.2	153.7	1.2	133.7	1.2	1.2	1.2	1.2
78	147.8	134.8	1.2	1.2	1.2	1.2	1.2	154.8	1.2	134.8	1.2	1.2	1.2	1.2
79	148.9	135.9	1.2	1.2	1.2	1.2	1.2	155.9	1.2	135.9	1.2	1.2	1.2	1.2
80	149.0	136.0	1.2	1.2	1.2	1.2	1.2	156.0	1.2	136.0	1.2	1.2	1.2	1.2
81	150.1	137.1	1.2	1.2	1.2	1.2	1.2	157.1	1.2	137.1	1.2	1.2	1.2	1.2
82	151.2	138.2	1.2	1.2	1.2	1.2	1.2	158.2	1.2	138.2	1.2	1.2	1.2	1.2
83	152.3	139.3	1.2	1.2	1.2	1.2	1.2	159.3	1.2	139.3	1.2	1.2	1.2	1.2
84	153.4	140.4	1.2	1.2	1.2	1.2	1.2	160.4	1.2	140.4	1.2	1.2	1.2	1.2
85	154.5	141.5	1.2	1.2	1.2	1.2	1.2	161.5	1.2	141.5	1.2	1.2	1.2	1.2
86	155.6	142.6	1.2	1.2	1.2	1.2	1.2	162.6	1.2	142.6	1.2	1.2	1.2	1.2
87	156.7	143.7	1.2	1.2	1.2	1.2	1.2	163.7	1.2	143.7	1.2	1.2	1.2	1.2
88	157.8	144.8	1.2	1.2	1.2	1.2	1.2	164.8	1.2	144.8	1.2	1.2	1.2	1.2
89	158.9	145.9	1.2	1.2	1.2	1.2	1.2	165.9	1.2	145.9	1.2	1.2	1.2	1.2
90	159.0	146.0	1.2	1.2	1.2	1.2	1.2	166.0	1.2	146.0	1.2	1.2	1.2	1.2
91	160.1	147.1	1.2	1.2	1.2	1.2	1.2	167.1	1.2	147.1	1.2	1.2	1.2	1.2
92	161.2	148.2	1.2	1.2	1.2	1.2	1.2	168.2	1.2	148.2	1.2	1.2	1.2	1.2
93	162.3	149.3	1.2	1.2	1.2	1.2	1.2	169.3	1.2	149.3	1.2	1.2	1.2	1.2
94	163.4	150.4	1.2	1.2	1.2	1.2	1.2	170.4	1.2	150.4	1.2	1.2	1.2	1.2
95	164.5	151.5	1.2	1.2	1.2	1.2	1.2	171.5	1.2	151.5	1.2	1.2	1.2	1.2
96	165.6	152.6	1.2	1.2	1.2	1.2	1.2	172.6	1.2</					

TOTAL NUMBER OF OBSERVATIONS 27



## CEILING VERSUS VISIBILITY

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228

TOTAL NUMBER OF OBSERVATIONS 100

USAF E\*AC 0-14-5 POL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



• *Chlorophyll a* (Chl a) is the primary photosynthetic pigment in all photosynthetic organisms. It is a green pigment that absorbs light energy in the blue and red regions of the visible spectrum. Chl a is found in the thylakoid membranes of chloroplasts in plants and algae, and in the plasma membrane of cyanobacteria.

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

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TOTAL NUMBER OF OBSERVATIONS 100



## CEILING VERSUS VISIBILITY

7-2-2

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1. *Journal of the American Medical Association*, 1997; 277: 1039-1043.

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_



1. The first group of people who are not in the labor force are those who are not in the labor force because they are not in the labor force.

Year	United States	Japan	Germany
1950	7%	7%	15%
1960	8%	8%	16%
1970	9%	10%	17%
1980	10%	13%	17%
1990	11%	16%	17%
2000	12%	18%	17%
2010	13%	19%	17%
2020	14%	20%	17%
2030	14%	20%	17%
2040	15%	20%	17%
2050	15%	20%	18%

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1. *Chlorophyll a* (Chl *a*)

[illegible]

USAF F\*AC 0-14.5 IOL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAF F-4C



SECRET

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TOTAL NUMBER OF OBSERVATIONS 2



*Schizothorax sinensis*

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TOTAL NUMBER OF OBSERVATIONS



1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

## CEILING VERSUS VISIBILITY

26

100

[illegible]

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_

USAF E\*AC 0-14.5 IOL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



1992

USAF F-4A 72 3-14-50: A previous report of this aircraft was not possible.

USA: { "A"



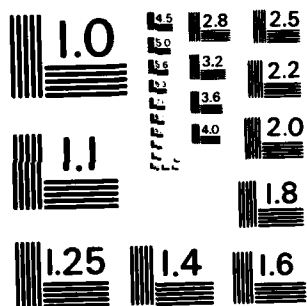
UNCLASSIFIED

INDIAN MOUNTAIN AFS ALASKA REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBS..(U) AIR FORCE ENVIRONMENTAL  
TECHNICAL APPLICATIONS CENTER SCOTT A.. JUN 83  
USAFETAC/DS-83/023 SBI-AD-E850 400 F/G 4/2

NL

A full-page view of a blank sheet of white graph paper. The grid consists of thin, light gray horizontal and vertical lines forming small squares. The grid covers most of the page, leaving margins at the top, bottom, and left edges. There are no markings or text on the grid itself.





MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS-1963-A



## CEILING VERSUS VISIBILITY

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- 22 -

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_



## CEILING VERSUS VISIBILITY

453

“ ”

2.

[illegible]TOTAL NUMBER OF OBSERVATIONS 470



## CEILING VERSUS VISIBILITY

77-227

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

[illegible]TOTAL NUMBER OF OBSERVATIONS 23



100-37420-1A

## CEILING VERSUS VISIBILITY

2-42

1000

1945

[illegible]

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_



## CEILING VERSUS VISIBILITY

4-2-3

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	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																																																																																																																																																																																																																																																																																				
1	40.5	41.5	42.5	43.5	44.5	45.5	46.5	47.5	48.5	49.5	50.5	51.5	52.5	53.5	54.5	55.5	56.5	57.5	58.5	59.5	60.5	61.5	62.5	63.5	64.5	65.5	66.5	67.5	68.5	69.5	70.5	71.5	72.5	73.5	74.5	75.5	76.5	77.5	78.5	79.5	80.5	81.5	82.5	83.5	84.5	85.5	86.5	87.5	88.5	89.5	90.5	91.5	92.5	93.5	94.5	95.5	96.5	97.5	98.5	99.5	100.5	101.5	102.5	103.5	104.5	105.5	106.5	107.5	108.5	109.5	110.5	111.5	112.5	113.5	114.5	115.5	116.5	117.5	118.5	119.5	120.5	121.5	122.5	123.5	124.5	125.5	126.5	127.5	128.5	129.5	130.5	131.5	132.5	133.5	134.5	135.5	136.5	137.5	138.5	139.5	140.5	141.5	142.5	143.5	144.5	145.5	146.5	147.5	148.5	149.5	150.5	151.5	152.5	153.5	154.5	155.5	156.5	157.5	158.5	159.5	160.5	161.5	162.5	163.5	164.5	165.5	166.5	167.5	168.5	169.5	170.5	171.5	172.5	173.5	174.5	175.5	176.5	177.5	178.5	179.5	180.5	181.5	182.5	183.5	184.5	185.5	186.5	187.5	188.5	189.5	190.5	191.5	192.5	193.5	194.5	195.5	196.5	197.5	198.5	199.5	200.5	201.5	202.5	203.5	204.5	205.5	206.5	207.5	208.5	209.5	210.5	211.5	212.5	213.5	214.5	215.5	216.5	217.5	218.5	219.5	220.5	221.5	222.5	223.5	224.5	225.5	226.5	227.5	228.5	229.5	230.5	231.5	232.5	233.5	234.5	235.5	236.5	237.5	238.5	239.5	240.5	241.5	242.5	243.5	244.5	245.5	246.5	247.5	248.5	249.5	250.5	251.5	252.5	253.5	254.5	255.5	256.5	257.5	258.5	259.5	260.5	261.5	262.5	263.5	264.5	265.5	266.5	267.5	268.5	269.5	270.5	271.5	272.5	273.5	274.5	275.5	276.5	277.5	278.5	279.5	280.5	281.5	282.5	283.5	284.5	285.5	286.5	287.5	288.5	289.5	290.5	291.5	292.5	293.5	294.5	295.5	296.5	297.5	298.5	299.5	300.5	301.5	302.5	303.5	304.5	305.5	306.5	307.5	308.5	309.5	310.5	311.5	312.5	313.5	314.5	315.5	316.5	317.5	318.5	319.5	320.5	321.5	322.5	323.5	324.5	325.5	326.5	327.5	328.5	329.5	330.5	331.5	332.5	333.5	334.5	335.5	336.5	337.5	338.5	339.5	340.5	341.5	342.5	343.5	344.5	345.5	346.5	347.5	348.5	349.5	350.5	351.5	352.5	353.5	354.5	355.5	356.5	357.5	358.5	359.5	360.5	361.5	362.5	363.5	364.5	365.5	366.5	367.5	368.5	369.5	370.5	371.5	372.5	373.5	374.5	375.5	376.5	377.5	378.5	379.5	380.5	381.5	382.5	383.5	384.5	385.5	386.5	387.5	388.5	389.5	390.5	391.5	392.5	393.5	394.5	395.5	3

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



JOINT CLIMATOLOGY BRANCH  
 AFMPC  
 WEATHER SERVICE/AFM

# CEILING VERSUS VISIBILITY

17-00 MOUNTAIN 30° AK

73-00

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

1-7-1960

VISIBILITY		CEILING																				
		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
1-0	1-0	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
1-0	1-0	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
1-0	1-0	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
1-0	1-0	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
1-0	1-0	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
1-0	1-0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
1-0	1-0	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
1-0	1-0	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
1-0	1-0	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
1-0	1-0	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
1-0	1-0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
1-0	1-0	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
1-0	1-0	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
1-0	1-0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
1-0	1-0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
1-0	1-0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
1-0	1-0	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
1-0	1-0	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
1-0	1-0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
1-0	1-0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
1-0	1-0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
1-0	1-0	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
1-0	1-0	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
1-0	1-0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
1-0	1-0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
1-0	1-0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
1-0	1-0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
1-0	1-0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1-0	1-0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 100



U.S. AIR FORCE  
 WEATHER SERVICE  
 AIRCRAFT

# CEILING VERSUS VISIBILITY

STATION: WAINWAIN, AK

73-42

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

1214-1401

CEILING	20	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80	84	88	92	96	100
20	27.2	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
24	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
28	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
32	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
36	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
40	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
44	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
48	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
52	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
56	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
60	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
64	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
68	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
72	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
76	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
80	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
84	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
88	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
92	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
96	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
100	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3

TOTAL NUMBER OF OBSERVATIONS 6



## CEILING VERSUS VISIBILITY

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## 44-38861-1000

TOTAL NUMBER OF OBSERVATIONS 721



## CEILING VERSUS VISIBILITY

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_ 117



## CEILING VERSUS VISIBILITY

7-2-4

— 255 —

TOTAL NUMBER OF OBSERVATIONS 57

USAF ETAC 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



LOCAL CLIMATOLOGY BRANCH  
 AFSTAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION INDIAN MOUNTAIN 855 AM

73-87

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

CEILING	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
1	11.7	35.1	36.2	36.2	34.2	35.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
2	34.8	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
3	27.1	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
4	21.2	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
5	38.7	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
6	11.9	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
7	43.1	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
8	44.3	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
9	44.3	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
10	32.2	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
11	34.2	61.3	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
12	33.4	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
13	62.1	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
14	61.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
15	73.1	83.7	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
16	27.0	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
17	71.7	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
18	11.5	92.3	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
19	11.2	93.1	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
20	2.7	94.3	95.2	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
21	2.9	95.9	96.9	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
22	11.2	96.0	97.1	97.6	97.9	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
23	33.2	96.3	97.5	98.0	98.4	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
24	3.2	96.4	97.5	98.3	98.8	98.9	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
25	32.1	96.5	97.7	98.4	98.7	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
26	3.2	96.5	97.8	98.4	99.0	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
27	3.3	96.5	97.8	98.5	98.7	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
28	33.3	96.5	97.4	98.5	99.0	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
29	33.3	96.5	97.8	98.5	99.1	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 1437



## CEILING VERSUS VISIBILITY

TOTAL NUMBER OF OBSERVATIONS 74



## CEILING VERSUS VISIBILITY

TOTAL NUMBER OF OBSERVATIONS

SAF 145 COL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## CEILING VERSUS VISIBILITY

7-2-2

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[illegible]

TOTAL NUMBER OF OBSERVATIONS



## CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

[illegible]

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_



## CEILING VERSUS VISIBILITY

7-2-3

1-2-4-

TOTAL NUMBER OF OBSERVATIONS 21

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## CEILING VERSUS VISIBILITY

1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Arar and Collins (1971).

[illegible]TOTAL NUMBER OF OBSERVATIONS 24



• 27 • (1992/1993)

## CEILING VERSUS VISIBILITY

72.75-22

1000

[illegible]

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_



## CEILING VERSUS VISIBILITY

75-

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

TOTAL NUMBER OF OBSERVATIONS 10



## CEILING VERSUS VISIBILITY

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_ 157



## CEILING VERSUS VISIBILITY

2-3

— — — — —

TOTAL NUMBER OF OBSERVATIONS 121



1990-1991 57,000,000

## CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

[illegible]TOTAL NUMBER OF OBSERVATIONS 22



## CEILING VERSUS VISIBILITY

7 2 1 3 4

— — — — —

TOTAL NUMBER OF OBSERVATIONS 224



## CEILING VERSUS VISIBILITY

— 2 —

— — — — —

TOTAL NUMBER OF OBSERVATIONS 24

USAF F-4C 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## CEILING VERSUS VISIBILITY

 Springer

•

TOTAL NUMBER OF OBSERVATIONS 3,794



## CEILING VERSUS VISIBILITY

$\frac{1}{2}$     $\frac{1}{3}$     $\frac{1}{4}$     $\frac{1}{5}$     $\frac{1}{6}$     $\frac{1}{7}$     $\frac{1}{8}$     $\frac{1}{9}$     $\frac{1}{10}$     $\frac{1}{11}$     $\frac{1}{12}$     $\frac{1}{13}$     $\frac{1}{14}$     $\frac{1}{15}$     $\frac{1}{16}$     $\frac{1}{17}$     $\frac{1}{18}$     $\frac{1}{19}$     $\frac{1}{20}$     $\frac{1}{21}$     $\frac{1}{22}$     $\frac{1}{23}$     $\frac{1}{24}$     $\frac{1}{25}$     $\frac{1}{26}$     $\frac{1}{27}$     $\frac{1}{28}$     $\frac{1}{29}$     $\frac{1}{30}$     $\frac{1}{31}$     $\frac{1}{32}$     $\frac{1}{33}$     $\frac{1}{34}$     $\frac{1}{35}$     $\frac{1}{36}$     $\frac{1}{37}$     $\frac{1}{38}$     $\frac{1}{39}$     $\frac{1}{40}$     $\frac{1}{41}$     $\frac{1}{42}$     $\frac{1}{43}$     $\frac{1}{44}$     $\frac{1}{45}$     $\frac{1}{46}$     $\frac{1}{47}$     $\frac{1}{48}$     $\frac{1}{49}$     $\frac{1}{50}$     $\frac{1}{51}$     $\frac{1}{52}$     $\frac{1}{53}$     $\frac{1}{54}$     $\frac{1}{55}$     $\frac{1}{56}$     $\frac{1}{57}$     $\frac{1}{58}$     $\frac{1}{59}$     $\frac{1}{60}$     $\frac{1}{61}$     $\frac{1}{62}$     $\frac{1}{63}$     $\frac{1}{64}$     $\frac{1}{65}$     $\frac{1}{66}$     $\frac{1}{67}$     $\frac{1}{68}$     $\frac{1}{69}$     $\frac{1}{70}$     $\frac{1}{71}$     $\frac{1}{72}$     $\frac{1}{73}$     $\frac{1}{74}$     $\frac{1}{75}$     $\frac{1}{76}$     $\frac{1}{77}$     $\frac{1}{78}$     $\frac{1}{79}$     $\frac{1}{80}$     $\frac{1}{81}$     $\frac{1}{82}$     $\frac{1}{83}$     $\frac{1}{84}$     $\frac{1}{85}$     $\frac{1}{86}$     $\frac{1}{87}$     $\frac{1}{88}$     $\frac{1}{89}$     $\frac{1}{90}$     $\frac{1}{91}$     $\frac{1}{92}$     $\frac{1}{93}$     $\frac{1}{94}$     $\frac{1}{95}$     $\frac{1}{96}$     $\frac{1}{97}$     $\frac{1}{98}$     $\frac{1}{99}$     $\frac{1}{100}$

TOTAL NUMBER OF OBSERVATIONS 336



U.S. AIR FORCE CLIMATE DIVISION

# CEILING VERSUS VISIBILITY

STATION: WALLA WALLA, WA

PERIOD: 72-73, 77-82

FORM

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1-1-1-1-1

|    |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 10 | 30.1 | 34.1  | 38.1  | 42.1  | 46.1  | 50.1  | 54.1  | 58.1  | 62.1  | 66.1  | 70.1  | 74.1  | 78.1  | 82.1  | 86.1  | 90.1  | 94.1  | 98.1  | 100.1 |
| 11 | 31.2 | 35.2  | 39.2  | 43.2  | 47.2  | 51.2  | 55.2  | 59.2  | 63.2  | 67.2  | 71.2  | 75.2  | 79.2  | 83.2  | 87.2  | 91.2  | 95.2  | 99.2  | 101.2 |
| 12 | 32.3 | 36.3  | 40.3  | 44.3  | 48.3  | 52.3  | 56.3  | 60.3  | 64.3  | 68.3  | 72.3  | 76.3  | 80.3  | 84.3  | 88.3  | 92.3  | 96.3  | 100.3 | 102.3 |
| 13 | 33.4 | 37.4  | 41.4  | 45.4  | 49.4  | 53.4  | 57.4  | 61.4  | 65.4  | 69.4  | 73.4  | 77.4  | 81.4  | 85.4  | 89.4  | 93.4  | 97.4  | 101.4 | 103.4 |
| 14 | 34.5 | 38.5  | 42.5  | 46.5  | 50.5  | 54.5  | 58.5  | 62.5  | 66.5  | 70.5  | 74.5  | 78.5  | 82.5  | 86.5  | 90.5  | 94.5  | 98.5  | 102.5 | 104.5 |
| 15 | 35.6 | 39.6  | 43.6  | 47.6  | 51.6  | 55.6  | 59.6  | 63.6  | 67.6  | 71.6  | 75.6  | 79.6  | 83.6  | 87.6  | 91.6  | 95.6  | 99.6  | 103.6 | 105.6 |
| 16 | 36.7 | 40.7  | 44.7  | 48.7  | 52.7  | 56.7  | 60.7  | 64.7  | 68.7  | 72.7  | 76.7  | 80.7  | 84.7  | 88.7  | 92.7  | 96.7  | 100.7 | 104.7 | 106.7 |
| 17 | 37.8 | 41.8  | 45.8  | 49.8  | 53.8  | 57.8  | 61.8  | 65.8  | 69.8  | 73.8  | 77.8  | 81.8  | 85.8  | 89.8  | 93.8  | 97.8  | 101.8 | 105.8 | 107.8 |
| 18 | 38.9 | 42.9  | 46.9  | 50.9  | 54.9  | 58.9  | 62.9  | 66.9  | 70.9  | 74.9  | 78.9  | 82.9  | 86.9  | 90.9  | 94.9  | 98.9  | 102.9 | 106.9 | 108.9 |
| 19 | 40.0 | 44.0  | 48.0  | 52.0  | 56.0  | 60.0  | 64.0  | 68.0  | 72.0  | 76.0  | 80.0  | 84.0  | 88.0  | 92.0  | 96.0  | 100.0 | 104.0 | 108.0 | 110.0 |
| 20 | 41.1 | 45.1  | 49.1  | 53.1  | 57.1  | 61.1  | 65.1  | 69.1  | 73.1  | 77.1  | 81.1  | 85.1  | 89.1  | 93.1  | 97.1  | 101.1 | 105.1 | 109.1 | 111.1 |
| 21 | 42.2 | 46.2  | 50.2  | 54.2  | 58.2  | 62.2  | 66.2  | 70.2  | 74.2  | 78.2  | 82.2  | 86.2  | 90.2  | 94.2  | 98.2  | 102.2 | 106.2 | 110.2 | 112.2 |
| 22 | 43.3 | 47.3  | 51.3  | 55.3  | 59.3  | 63.3  | 67.3  | 71.3  | 75.3  | 79.3  | 83.3  | 87.3  | 91.3  | 95.3  | 99.3  | 103.3 | 107.3 | 111.3 | 113.3 |
| 23 | 44.4 | 48.4  | 52.4  | 56.4  | 60.4  | 64.4  | 68.4  | 72.4  | 76.4  | 80.4  | 84.4  | 88.4  | 92.4  | 96.4  | 100.4 | 104.4 | 108.4 | 112.4 | 114.4 |
| 24 | 45.5 | 49.5  | 53.5  | 57.5  | 61.5  | 65.5  | 69.5  | 73.5  | 77.5  | 81.5  | 85.5  | 89.5  | 93.5  | 97.5  | 101.5 | 105.5 | 109.5 | 113.5 | 115.5 |
| 25 | 46.6 | 50.6  | 54.6  | 58.6  | 62.6  | 66.6  | 70.6  | 74.6  | 78.6  | 82.6  | 86.6  | 90.6  | 94.6  | 98.6  | 102.6 | 106.6 | 110.6 | 114.6 | 116.6 |
| 26 | 47.7 | 51.7  | 55.7  | 59.7  | 63.7  | 67.7  | 71.7  | 75.7  | 79.7  | 83.7  | 87.7  | 91.7  | 95.7  | 99.7  | 103.7 | 107.7 | 111.7 | 115.7 | 117.7 |
| 27 | 48.8 | 52.8  | 56.8  | 60.8  | 64.8  | 68.8  | 72.8  | 76.8  | 80.8  | 84.8  | 88.8  | 92.8  | 96.8  | 100.8 | 104.8 | 108.8 | 112.8 | 116.8 | 118.8 |
| 28 | 49.9 | 53.9  | 57.9  | 61.9  | 65.9  | 69.9  | 73.9  | 77.9  | 81.9  | 85.9  | 89.9  | 93.9  | 97.9  | 101.9 | 105.9 | 109.9 | 113.9 | 117.9 | 119.9 |
| 29 | 51.0 | 55.0  | 59.0  | 63.0  | 67.0  | 71.0  | 75.0  | 79.0  | 83.0  | 87.0  | 91.0  | 95.0  | 99.0  | 103.0 | 107.0 | 111.0 | 115.0 | 119.0 | 121.0 |
| 30 | 52.1 | 56.1  | 60.1  | 64.1  | 68.1  | 72.1  | 76.1  | 80.1  | 84.1  | 88.1  | 92.1  | 96.1  | 100.1 | 104.1 | 108.1 | 112.1 | 116.1 | 120.1 | 122.1 |
| 31 | 53.2 | 57.2  | 61.2  | 65.2  | 69.2  | 73.2  | 77.2  | 81.2  | 85.2  | 89.2  | 93.2  | 97.2  | 101.2 | 105.2 | 109.2 | 113.2 | 117.2 | 121.2 | 123.2 |
| 32 | 54.3 | 58.3  | 62.3  | 66.3  | 70.3  | 74.3  | 78.3  | 82.3  | 86.3  | 90.3  | 94.3  | 98.3  | 102.3 | 106.3 | 110.3 | 114.3 | 118.3 | 122.3 | 124.3 |
| 33 | 55.4 | 59.4  | 63.4  | 67.4  | 71.4  | 75.4  | 79.4  | 83.4  | 87.4  | 91.4  | 95.4  | 99.4  | 103.4 | 107.4 | 111.4 | 115.4 | 119.4 | 123.4 | 125.4 |
| 34 | 56.5 | 60.5  | 64.5  | 68.5  | 72.5  | 76.5  | 80.5  | 84.5  | 88.5  | 92.5  | 96.5  | 100.5 | 104.5 | 108.5 | 112.5 | 116.5 | 120.5 | 124.5 | 126.5 |
| 35 | 57.6 | 61.6  | 65.6  | 69.6  | 73.6  | 77.6  | 81.6  | 85.6  | 89.6  | 93.6  | 97.6  | 101.6 | 105.6 | 109.6 | 113.6 | 117.6 | 121.6 | 125.6 | 127.6 |
| 36 | 58.7 | 62.7  | 66.7  | 70.7  | 74.7  | 78.7  | 82.7  | 86.7  | 90.7  | 94.7  | 98.7  | 102.7 | 106.7 | 110.7 | 114.7 | 118.7 | 122.7 | 126.7 | 128.7 |
| 37 | 59.8 | 63.8  | 67.8  | 71.8  | 75.8  | 79.8  | 83.8  | 87.8  | 91.8  | 95.8  | 99.8  | 103.8 | 107.8 | 111.8 | 115.8 | 119.8 | 123.8 | 127.8 | 129.8 |
| 38 | 60.9 | 64.9  | 68.9  | 72.9  | 76.9  | 80.9  | 84.9  | 88.9  | 92.9  | 96.9  | 100.9 | 104.9 | 108.9 | 112.9 | 116.9 | 120.9 | 124.9 | 128.9 | 130.9 |
| 39 | 62.0 | 66.0  | 70.0  | 74.0  | 78.0  | 82.0  | 86.0  | 90.0  | 94.0  | 98.0  | 102.0 | 106.0 | 110.0 | 114.0 | 118.0 | 122.0 | 126.0 | 130.0 | 132.0 |
| 40 | 63.1 | 67.1  | 71.1  | 75.1  | 79.1  | 83.1  | 87.1  | 91.1  | 95.1  | 99.1  | 103.1 | 107.1 | 111.1 | 115.1 | 119.1 | 123.1 | 127.1 | 131.1 | 133.1 |
| 41 | 64.2 | 68.2  | 72.2  | 76.2  | 80.2  | 84.2  | 88.2  | 92.2  | 96.2  | 100.2 | 104.2 | 108.2 | 112.2 | 116.2 | 120.2 | 124.2 | 128.2 | 132.2 | 134.2 |
| 42 | 65.3 | 69.3  | 73.3  | 77.3  | 81.3  | 85.3  | 89.3  | 93.3  | 97.3  | 101.3 | 105.3 | 109.3 | 113.3 | 117.3 | 121.3 | 125.3 | 129.3 | 133.3 | 135.3 |
| 43 | 66.4 | 70.4  | 74.4  | 78.4  | 82.4  | 86.4  | 90.4  | 94.4  | 98.4  | 102.4 | 106.4 | 110.4 | 114.4 | 118.4 | 122.4 | 126.4 | 130.4 | 134.4 | 136.4 |
| 44 | 67.5 | 71.5  | 75.5  | 79.5  | 83.5  | 87.5  | 91.5  | 95.5  | 99.5  | 103.5 | 107.5 | 111.5 | 115.5 | 119.5 | 123.5 | 127.5 | 131.5 | 135.5 | 137.5 |
| 45 | 68.6 | 72.6  | 76.6  | 80.6  | 84.6  | 88.6  | 92.6  | 96.6  | 100.6 | 104.6 | 108.6 | 112.6 | 116.6 | 120.6 | 124.6 | 128.6 | 132.6 | 136.6 | 138.6 |
| 46 | 69.7 | 73.7  | 77.7  | 81.7  | 85.7  | 89.7  | 93.7  | 97.7  | 101.7 | 105.7 | 109.7 | 113.7 | 117.7 | 121.7 | 125.7 | 129.7 | 133.7 | 137.7 | 139.7 |
| 47 | 70.8 | 74.8  | 78.8  | 82.8  | 86.8  | 90.8  | 94.8  | 98.8  | 102.8 | 106.8 | 110.8 | 114.8 | 118.8 | 122.8 | 126.8 | 130.8 | 134.8 | 138.8 | 140.8 |
| 48 | 71.9 | 75.9  | 79.9  | 83.9  | 87.9  | 91.9  | 95.9  | 99.9  | 103.9 | 107.9 | 111.9 | 115.9 | 119.9 | 123.9 | 127.9 | 131.9 | 135.9 | 139.9 | 141.9 |
| 49 | 73.0 | 77.0  | 81.0  | 85.0  | 89.0  | 93.0  | 97.0  | 101.0 | 105.0 | 109.0 | 113.0 | 117.0 | 121.0 | 125.0 | 129.0 | 133.0 | 137.0 | 141.0 | 143.0 |
| 50 | 74.1 | 78.1  | 82.1  | 86.1  | 90.1  | 94.1  | 98.1  | 102.1 | 106.1 | 110.1 | 114.1 | 118.1 | 122.1 | 126.1 | 130.1 | 134.1 | 138.1 | 142.1 | 144.1 |
| 51 | 75.2 | 79.2  | 83.2  | 87.2  | 91.2  | 95.2  | 99.2  | 103.2 | 107.2 | 111.2 | 115.2 | 119.2 | 123.2 | 127.2 | 131.2 | 135.2 | 139.2 | 143.2 | 145.2 |
| 52 | 76.3 | 80.3  | 84.3  | 88.3  | 92.3  | 96.3  | 100.3 | 104.3 | 108.3 | 112.3 | 116.3 | 120.3 | 124.3 | 128.3 | 132.3 | 136.3 | 140.3 | 144.3 | 146.3 |
| 53 | 77.4 | 81.4  | 85.4  | 89.4  | 93.4  | 97.4  | 101.4 | 105.4 | 109.4 | 113.4 | 117.4 | 121.4 | 125.4 | 129.4 | 133.4 | 137.4 | 141.4 | 145.4 | 147.4 |
| 54 | 78.5 | 82.5  | 86.5  | 90.5  | 94.5  | 98.5  | 102.5 | 106.5 | 110.5 | 114.5 | 118.5 | 122.5 | 126.5 | 130.5 | 134.5 | 138.5 | 142.5 | 146.5 | 148.5 |
| 55 | 79.6 | 83.6  | 87.6  | 91.6  | 95.6  | 99.6  | 103.6 | 107.6 | 111.6 | 115.6 | 119.6 | 123.6 | 127.6 | 131.6 | 135.6 | 139.6 | 143.6 | 147.6 | 149.6 |
| 56 | 80.7 | 84.7  | 88.7  | 92.7  | 96.7  | 100.7 | 104.7 | 108.7 | 112.7 | 116.7 | 120.7 | 124.7 | 128.7 | 132.7 | 136.7 | 140.7 | 144.7 | 148.7 | 150.7 |
| 57 | 81.8 | 85.8  | 89.8  | 93.8  | 97.8  | 101.8 | 105.8 | 109.8 | 113.8 | 117.8 | 121.8 | 125.8 | 129.8 | 133.8 | 137.8 | 141.8 | 145.8 | 149.8 | 151.8 |
| 58 | 82.9 | 86.9  | 90.9  | 94.9  | 98.9  | 102.9 | 106.9 | 110.9 | 114.9 | 118.9 | 122.9 | 126.9 | 130.9 | 134.9 | 138.9 | 142.9 | 146.9 | 150.9 | 152.9 |
| 59 | 84.0 | 88.0  | 92.0  | 96.0  | 100.0 | 104.0 | 108.0 | 112.0 | 116.0 | 120.0 | 124.0 | 128.0 | 132.0 | 136.0 | 140.0 | 144.0 | 148.0 | 152.0 | 154.0 |
| 60 | 85.1 | 89.1  | 93.1  | 97.1  | 101.1 | 105.1 | 109.1 | 113.1 | 117.1 | 121.1 | 125.1 | 129.1 | 133.1 | 137.1 | 141.1 | 145.1 | 149.1 | 153.1 | 155.1 |
| 61 | 86.2 | 90.2  | 94.2  | 98.2  | 102.2 | 106.2 | 110.2 | 114.2 | 118.2 | 122.2 | 126.2 | 130.2 | 134.2 | 138.2 | 142.2 | 146.2 | 150.2 | 154.2 | 156.2 |
| 62 | 87.3 | 91.3  | 95.3  | 99.3  | 103.3 | 107.3 | 111.3 | 115.3 | 119.3 | 123.3 | 127.3 | 131.3 | 135.3 | 139.3 | 143.3 | 147.3 | 151.3 | 155.3 | 157.3 |
| 63 | 88.4 | 92.4  | 96.4  | 100.4 | 104.4 | 108.4 | 112.4 | 116.4 | 120.4 | 124.4 | 128.4 | 132.4 | 136.4 | 140.4 | 144.4 | 148.4 | 152.4 | 156.4 | 158.4 |
| 64 | 89.5 | 93.5  | 97.5  | 101.5 | 105.5 | 109.5 | 113.5 | 117.5 | 121.5 | 125.5 | 129.5 | 133.5 | 137.5 | 141.5 | 145.5 | 149.5 | 153.5 | 157.5 | 159.5 |
| 65 | 90.6 | 94.6  | 98.6  | 102.6 | 106.6 | 110.6 | 114.6 | 118.6 | 122.6 | 126.6 | 130.6 | 134.6 | 138.6 | 142.6 | 146.6 | 150.6 | 154.6 | 158.6 | 160.6 |
| 66 | 91.7 | 95.7  | 99.7  | 103.7 | 107.7 | 111.7 | 115.7 | 119.7 | 123.7 | 127.7 | 131.7 | 135.7 | 139.7 | 143.7 | 147.7 | 151.7 | 155.7 | 159.7 | 161.7 |
| 67 | 92.8 | 96.8  | 100.8 | 104.8 | 108.8 | 112.8 | 116.8 | 120.8 | 124.8 | 128.8 | 132.8 | 136.8 | 140.8 | 144.8 | 148.8 | 152.8 | 156.8 | 160.8 | 162.8 |
| 68 | 93.9 | 97.9  | 101.9 | 105.9 | 109.9 | 113.9 | 117.9 | 121.9 | 125.9 | 129.9 | 133.9 | 137.9 | 141.9 | 145.9 | 149.9 | 153.9 | 157.9 | 161.9 | 163.9 |
| 69 | 95.0 | 99.0  | 103.0 | 107.0 | 111.0 | 115.0 | 119.0 | 123.0 | 127.0 | 131.0 | 135.0 | 139.0 | 143.0 | 147.0 | 151.0 | 155.0 | 159.0 | 163.0 | 165.0 |
| 70 | 96.1 | 100.1 | 104.1 | 108.1 | 112.1 | 116.1 | 120.1 | 124.1 | 128.1 | 132.1 | 136.1 |       |       |       |       |       |       |       |       |



1. *ALTERNATIVE DISPUTE RESOLUTION*  
 2. *AND*  
 3. *CONSUMER PROTECTION*

— 2 —

[illegible]

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_



## CEILING VERSUS VISIBILITY

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[illegible]TOTAL NUMBER OF OBSERVATIONS 100



## AL "LIVELY" LLOYD, 1910-1911

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TOTAL NUMBER OF OBSERVATIONS



## CEILING VERSUS VISIBILITY

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10

[illegible][illegible]

TOTAL NUMBER OF OBSERVATIONS 1000000



RECEIVED  
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— 222 —

TOTAL NUMBER OF OBSERVATIONS 22



1. NAME OF STATION:   
 2. LOCATION:   
 3. DATE:   
 4. TIME:   
 5. MONTH:   
 6. YEAR:   
 7. DAY:   
 8. HOUR:   
 9. MINUTE:   
 10. SECOND:   
 11. TEMPERATURE:   
 12. WIND:   
 13. HUMIDITY:   
 14. PRESSURE:   
 15. VISIBILITY:   
 16. CLOUDS:   
 17. WEATHER:   
 18. COMMENTS:   
 19. SIGNATURE:   
 20. TITLE:   
 21. ORGANIZATION:   
 22. ADDRESS:   
 23. CITY:   
 24. STATE:   
 25. COUNTRY:   
 26. ZIP CODE:   
 27. PHONE:   
 28. FAX:   
 29. E-MAIL:   
 30. WEBSITE:   
 31. URL:   
 32. IP ADDRESS:   
 33. MAC ADDRESS:   
 34. BROWSER:   
 35. OS:   
 36. CPU:   
 37. RAM:   
 38. DISK:   
 39. NETWORK:   
 40. SECURITY:   
 41. LOGS:   
 42. MONITORING:   
 43. ALERTS:   
 44. BACKUP:   
 45. RECOVERY:   
 46. MAINTENANCE:   
 47. UPGRADES:   
 48. PATCHES:   
 49. CONFIGURATION:   
 50. DOCUMENTATION:   
 51. TRAINING:   
 52. CERTIFICATION:   
 53. COMPLIANCE:   
 54. AUDITING:   
 55. INCIDENT RESPONSE:   
 56. DISASTERS:   
 57. BUSINESS CONTINUITY:   
 58. RISK MANAGEMENT:   
 59. SECURITY POLICY:   
 60. ACCEPTABLE USE POLICY:   
 61. INFORMATION SECURITY:   
 62. DATA PROTECTION:   
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## CEILING VERSUS VISIBILITY

$\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

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| 17.1 | 32.3 | 33.5 | 34.7 | 35.9 | 37.1 | 38.3 | 39.5 | 40.7 | 41.9 | 43.1 | 44.3 | 45.5 | 46.7 | 47.9 | 49.1 | 50.3 | 51.5 | 52.7 | 53.9 | 55.1 | 56.3 | 57.5 | 58.7 | 59.9 | 61.1 | 62.3 | 63.5 | 64.7 | 65.9 | 67.1 | 68.3 | 69.5 | 70.7 | 71.9 | 73.1 | 74.3 | 75.5 | 76.7 | 77.9 | 79.1 | 80.3 | 81.5 | 82.7 | 83.9 | 85.1 | 86.3 | 87.5 | 88.7 | 89.9 | 91.1 | 92.3 | 93.5 | 94.7 | 95.9 | 97.1 | 98.3 | 99.5 | 100.7 | 101.9 | 103.1 | 104.3 | 105.5 | 106.7 | 107.9 | 109.1 | 110.3 | 111.5 | 112.7 | 113.9 | 115.1 | 116.3 | 117.5 | 118.7 | 119.9 | 121.1 | 122.3 | 123.5 | 124.7 | 125.9 | 127.1 | 128.3 | 129.5 | 130.7 | 131.9 | 133.1 | 134.3 | 135.5 | 136.7 | 137.9 | 139.1 | 140.3 | 141.5 | 142.7 | 143.9 | 145.1 | 146.3 | 147.5 | 148.7 | 149.9 | 151.1 | 152.3 | 153.5 | 154.7 | 155.9 | 157.1 | 158.3 | 159.5 | 160.7 | 161.9 | 163.1 | 164.3 | 165.5 | 166.7 | 167.9 | 169.1 | 170.3 | 171.5 | 172.7 | 173.9 | 175.1 | 176.3 | 177.5 | 178.7 | 179.9 | 181.1 | 182.3 | 183.5 | 184.7 | 185.9 | 187.1 | 188.3 | 189.5 | 190.7 | 191.9 | 193.1 | 194.3 | 195.5 | 196.7 | 197.9 | 199.1 | 200.3 | 201.5 | 202.7 | 203.9 | 205.1 | 206.3 | 207.5 | 208.7 | 209.9 | 211.1 | 212.3 | 213.5 | 214.7 | 215.9 | 217.1 | 218.3 | 219.5 | 220.7 | 221.9 | 223.1 | 224.3 | 225.5 | 226.7 | 227.9 | 229.1 | 230.3 | 231.5 | 232.7 | 233.9 | 235.1 | 236.3 | 237.5 | 238.7 | 239.9 | 241.1 | 242.3 | 243.5 | 244.7 | 245.9 | 247.1 | 248.3 | 249.5 | 250.7 | 251.9 | 253.1 | 254.3 | 255.5 | 256.7 | 257.9 | 259.1 | 260.3 | 261.5 | 262.7 | 263.9 | 265.1 | 266.3 | 267.5 | 268.7 | 269.9 | 271.1 | 272.3 | 273.5 | 274.7 | 275.9 | 277.1 | 278.3 | 279.5 | 280.7 | 281.9 | 283.1 | 284.3 | 285.5 | 286.7 | 287.9 | 289.1 | 290.3 | 291.5 | 292.7 | 293.9 | 295.1 | 296.3 | 297.5 | 298.7 | 299.9 | 301.1 | 302.3 | 303.5 | 304.7 | 305.9 | 307.1 | 308.3 | 309.5 | 310.7 | 311.9 | 313.1 | 314.3 | 315.5 | 316.7 | 317.9 | 319.1 | 320.3 | 321.5 | 322.7 | 323.9 | 325.1 | 326.3 | 327.5 | 328.7 | 329.9 | 331.1 | 332.3 | 333.5 | 334.7 | 335.9 | 337.1 | 338.3 | 339.5 | 340.7 | 341.9 | 343.1 | 344.3 | 345.5 | 346.7 | 347.9 | 349.1 | 350.3 | 351.5 | 352.7 | 353.9 | 355.1 | 356.3 | 357.5 | 358.7 | 359.9 | 361.1 | 362.3 | 363.5 | 364.7 | 365.9 | 367.1 | 368.3 | 369.5 | 370.7 | 371.9 | 373.1 | 374.3 | 375.5 | 376.7 | 377.9 | 379.1 | 380.3 | 381.5 | 382.7 | 383.9 | 385.1 | 386.3 | 387.5 | 388.7 | 389.9 | 391.1 | 392.3 | 393.5 | 394.7 | 395.9 | 397.1 | 398.3 | 399.5 | 400.7 | 401.9 | 403.1 | 404.3 | 405.5 | 406.7 | 407.9 | 409.1 | 410.3 | 411.5 | 412.7 | 413.9 | 415.1 | 416.3 | 417.5 | 418.7 | 419.9 | 421.1 | 422.3 | 423.5 | 424.7 | 425.9 | 427.1 | 428.3 | 429.5 | 430.7 | 431.9 | 433.1 | 434.3 | 435.5 | 436.7 | 437.9 | 439.1 | 440.3 | 441.5 | 442.7 | 443.9 | 445.1 | 446.3 | 447.5 | 448.7 | 449.9 | 451.1 | 452.3 | 453.5 | 454.7 | 455.9 | 457.1 | 458.3 | 459.5 | 460.7 | 461.9 | 463.1 | 464.3 | 465.5 | 466.7 | 467.9 | 469.1 | 470.3 | 471.5 | 472.7 | 473.9 | 475.1 | 476.3 | 477.5 | 478.7 | 479.9 | 481.1 | 482.3 | 483.5 | 484.7 | 485.9 | 487.1 | 488.3 | 489.5 | 490.7 | 491.9 | 493.1 | 494.3 | 495.5 | 496.7 | 497.9 | 499.1 | 500.3 | 501.5 | 502.7 | 503.9 | 505.1 | 506.3 | 507.5 | 508.7 | 509.9 | 511.1 | 512.3 | 513.5 | 514.7 | 515.9 | 517.1 | 518.3 | 519.5 | 520.7 | 521.9 | 523.1 | 524.3 | 525.5 | 526.7 | 527.9 | 529.1 | 530.3 | 531.5 | 532.7 | 533.9 | 535.1 | 536.3 | 537.5 | 538.7 | 539.9 | 541.1 | 542.3 | 543.5 | 544.7 | 545.9 | 547.1 | 548.3 | 549.5 | 550.7 | 551.9 | 553.1 | 554.3 | 555.5 | 556.7 | 557.9 | 559.1 | 560.3 | 561.5 | 562.7 | 563.9 | 565.1 | 566.3 | 567.5 | 568.7 | 569.9 | 571.1 | 572.3 | 573.5 | 574.7 | 575.9 | 577.1 | 578.3 | 579.5 | 580.7 | 581.9 | 583.1 | 584.3 | 585.5 | 586.7 | 587.9 | 589.1 | 590.3 | 591.5 | 592.7 | 593.9 | 595.1 | 596.3 | 597.5 | 598.7 | 599.9 | 601.1 | 602.3 | 603.5 | 604.7 | 605.9 | 607.1 | 608.3 | 609.5 | 610.7 | 611.9 | 613.1 | 614.3 | 615.5 | 616.7 | 617.9 | 619.1 | 620.3 | 621.5 | 622.7 | 623.9 | 625.1 | 626.3 | 627.5 | 628.7 | 629.9 | 631.1 | 632.3 | 633.5 | 634.7 | 635.9 | 637.1 | 638.3 | 639.5 | 640.7 | 641.9 | 643.1 | 644.3 | 645.5 | 646.7 | 647.9 | 649.1 | 650.3 | 651.5 | 652.7 | 653.9 | 655.1 | 656.3 | 657.5 | 658.7 | 659.9 | 661.1 | 662.3 | 663.5 | 664.7 | 665.9 | 667.1 | 668.3 | 669.5 | 670.7 | 671.9 | 673.1 | 674.3 | 675.5 | 676.7 | 677.9 | 679.1 | 680.3 | 681.5 | 682.7 | 683.9 | 685.1 | 686.3 | 687.5 | 688.7 | 689.9 | 691.1 | 692.3 | 693.5 | 694.7 | 695.9 | 697.1 | 698.3 | 699.5 | 700.7 | 701.9 | 703.1 | 704.3 | 705.5 | 706.7 | 707.9 | 709.1 | 710.3 | 711.5 | 712.7 | 713.9 | 715.1 | 716.3 | 717.5 | 718.7 | 719.9 | 721.1 | 722.3 | 723.5 | 724.7 | 725.9 | 727.1 | 728.3 | 729.5 | 730.7 | 731.9 | 733.1 | 734.3 | 735.5 | 736.7 | 737.9 | 739.1 | 740.3 | 741.5 | 742.7 | 743.9 | 745.1 | 746.3 | 747.5 | 748.7 | 749.9 | 751.1 | 752.3 | 753.5 | 754.7 | 755.9 | 757.1 | 758.3 | 759.5 | 760.7 | 761.9 | 763.1 | 764.3 | 765.5 | 766.7 | 767.9 | 769.1 | 770.3 | 771.5 | 772.7 | 773.9 | 775.1 | 776.3 | 777.5 | 778.7 | 779.9 | 781.1 | 782.3 | 783.5 | 784.7 | 785.9 | 787.1 | 788.3 | 789.5 | 790.7 | 791.9 | 793.1 | 794.3 | 795.5 | 796.7 | 797.9 | 799.1 | 800.3 | 801.5 | 802.7 | 803.9 | 805.1 | 806.3 | 807.5 | 808.7 | 809.9 | 811.1 | 812.3 | 813.5 | 814.7 | 815.9 | 817.1 | 818.3 | 819.5 | 820.7 | 821.9 | 823.1 | 824.3 | 825.5 | 826.7 | 827.9 | 829.1 | 830.3 | 831.5 | 832.7 | 833.9 | 835.1 | 836.3 | 837.5 | 838.7 | 839.9 | 841.1 | 842.3 | 843.5 | 844.7 | 845.9 | 847.1 | 848.3 | 849.5 | 850.7 | 851.9 | 853.1 | 854.3 | 855.5 | 856.7 | 857.9 | 859.1 | 860.3 | 861.5 | 862.7 | 863.9 | 865.1 | 866.3 | 867.5 | 868.7 | 869.9 | 871.1 | 872.3 | 873.5 | 874.7 | 875.9 | 877.1 | 878.3 | 879.5 | 880.7 | 881.9 | 883.1 | 884.3 | 885.5 | 886.7 | 887.9 | 889.1 | 890.3 | 891.5 | 892.7 | 893.9 | 895.1 | 896.3 | 897.5 | 898.7 | 899.9 | 901.1 | 902.3 | 903.5 | 904.7 | 905.9 | 907.1 | 908.3 | 909.5 | 910.7 | 911.9 | 913.1 | 914.3 | 915.5 | 916.7 | 917.9 | 919.1 | 920.3 | 921.5 | 922.7 | 923.9 | 925.1 | 926.3 | 927.5 | 928.7 | 929.9 | 931.1 | 932.3 | 933.5 | 934.7 | 935.9 | 937.1 | 938.3 | 939.5 | 940.7 | 941.9 | 943.1 | 944.3 | 945.5 | 946.7 | 947.9 | 949.1 | 950.3 | 951.5 | 952.7 | 953.9 | 955.1 | 956.3 | 957.5 | 958.7 | 959.9 | 961.1 | 962.3 | 963.5 | 964.7 | 965.9 | 967.1 | 968.3 | 969.5 | 970.7 | 971.9 | 973.1 | 974.3 | 975.5 | 976.7 | 977.9 | 979.1 | 980.3 | 981.5 | 982.7 | 983.9 | 985.1 | 986.3 | 987.5 | 988.7 | 989.9 | 991.1 | 992.3 | 993.5 | 994.7 | 995.9 | 997.1 | 998.3 | 999.5 | 1000.7 | 1001.9 | 1003.1 | 1004.3 | 1005.5 | 1006.7 | 1007.9 | 1009.1 | 1010.3 | 1011.5 | 1012.7 | 1013.9 | 1015.1 | 1016.3 | 1017.5 | 1018.7 | 1019.9 | 1021.1 | 1022.3 | 1023.5 | 1024.7 | 1025.9 | 1027.1 | 1028.3 | 1029.5 | 1030.7 | 1031.9 | 1033.1 | 1034.3 | 1035.5 | 1036.7 | 1037.9 | 1039.1 | 1040.3 | 1041.5 | 1042.7 | 1043.9 | 1045.1 | 1046.3 | 1047.5 | 1048.7 | 1049.9 | 1051.1 | 1052.3 | 1053.5 | 1054.7 | 1055.9 | 1057.1 | 1058.3 | 1059.5 | 1060.7 | 1061.9 | 1063.1 | 1064.3 | 1065.5 | 1066.7 | 1067.9 | 1069.1 | 1070.3 | 1071.5 | 1072.7 | 1073.9 | 1075.1 | 1076.3 | 1077.5 | 1078.7 | 1079.9 | 1081.1 | 1082.3 | 1083.5 | 1084.7 | 1085.9 | 1087.1 | 1088.3 | 1089.5 | 1090.7 | 1091.9 | 1093.1 | 1094.3 | 1095.5 | 1096.7 | 1097.9 | 1099.1 | 1100.3 | 1101.5 | 1102.7 | 1103.9 | 1105.1 | 1106.3 | 1107.5 | 1108.7 | 1109.9 | 1111.1 | 1112.3 | 1113.5 | 1114.7 | 1115.9 | 1117.1 | 1118.3 | 1119.5 | 1120.7 | 1121.9 | 1123.1 | 1124.3 | 1125.5 | 1126.7 | 1127.9 | 1129.1 | 1130.3 | 1131.5 | 1132.7 | 1133.9 | 1135.1 | 1136.3 | 1137.5 | 1138.7 | 1139.9 | 1141.1 | 1142.3 | 1143.5 | 1144.7 | 1145.9 | 1147.1 | 1148.3 | 1149.5 | 1150.7 | 1151.9 | 1153.1 | 1154.3 | 1155.5 | 1156.7 | 1157.9 | 1159.1 | 1160.3 | 1161.5 | 1162.7 | 1163.9 | 1165.1 | 1166.3 | 1167.5 | 1168.7 | 1169.9 | 1171.1 | 1172.3 | 1173.5 | 1174.7 | 1175.9 | 1177.1 | 1178.3 | 1179.5 | 1180.7 | 1181.9 | 1183.1 | 1184.3 | 1185.5 | 1186.7 | 1187.9 | 1189.1 | 1190.3 | 1191.5 | 1192.7 | 1193.9 | 1195.1 | 1196.3 | 1197.5 | 1198.7 | 1199.9 | 1201.1 | 1202.3 | 1203.5 | 1204.7 | 1205.9 | 1207.1 | 1208.3 | 1209.5 | 1210.7 | 1211.9 | 1213.1 | 1214.3 | 1215.5 | 1216.7 | 1217.9 | 1219.1 | 1220.3 | 1221.5 | 1222.7 | 1223.9 | 1225.1 | 1226.3 | 1227.5 | 1228.7 | 1229.9 | 1231.1 | 1232.3 | 1233.5 | 1234.7 | 1235.9 | 1237.1 | 1238.3 | 1239.5 | 1240.7 | 1241.9 | 1243.1 | 1244.3 | 1245.5 | 1246.7 | 1247.9 | 1249.1 | 1250.3 | 1251.5 | 1252.7 | 1253.9 | 1255.1 | 1256.3 | 1257.5 | 1258.7 | 1259.9 | 1261.1 | 1262.3 | 1263.5 | 1264.7 | 1265.9 | 1267.1 | 1268.3 | 1269.5 | 1270.7 | 1271.9 | 1273.1 | 1274.3 | 1275.5 | 1276.7 | 1277.9 | 1279.1 | 1280.3 | 1281.5 | 1282.7 | 1283.9 | 1285.1 | 1286.3 | 1287.5 | 1288.7 | 1289.9 | 1291.1 | 1292.3 | 1293.5 | 1294.7 | 1295.9 | 1297.1 | 1298.3 | 1299.5 | 1300.7 | 1301.9 | 1303.1 | 1304.3 | 1305.5 | 1306.7 | 1307.9 | 1309.1 | 1310.3 | 1311.5 | 1312.7 | 1313.9 | 1315.1 | 1316.3 | 1317.5 | 1318.7 | 1319.9 | 1321.1 | 1322.3 | 1323.5 | 1324.7 | 1325.9 | 1327.1 | 1328.3 | 1329.5 | 1330.7 | 1331.9 | 1333.1 | 1334.3 | 1335.5 | 1336.7 | 1337.9 | 1339.1 | 1340.3 | 1341.5 | 1342.7 | 1343.9 | 1345.1 | 1346.3 | 1347.5 | 1348.7 | 1349.9 | 1351.1 | 1352.3 | 1353.5 | 1354.7 | 1355.9 | 1357.1 | 1358.3 | 1359.5 | 1360.7 | 1361.9 | 1363.1 | 1364.3 | 1365.5 | 1366.7 | 1367.9 | 1369.1 | 1370.3 | 1371.5 | 1372.7 | 1373.9 | 1375.1 | 1376.3 | 1377.5 | 1378.7 | 1379.9 | 1381.1 | 1382.3 | 1383.5 | 1384.7 | 1385.9 | 1387.1 | 1388.3 | 1389.5 | 1390.7 | 1391.9 | 1393.1 | 1394.3 | 1395.5 | 1396.7 | 1397.9 | 1399.1 | 1400.3 | 1401.5 | 1402.7 | 1403.9 | 1405.1 | 1406.3 | 1407.5 | 1408.7 | 1409.9 | 1411.1 | 1412.3 | 1413.5 | 1414.7 | 1415.9 | 1417.1 | 1418.3 | 1419.5 | 1420.7 | 1421.9 | 1423.1 | 1424.3 | 1425.5 | 1426.7 | 1427.9 | 1429.1 | 1430.3 | 1431.5 | 1432.7 | 1433.9 | 1435.1 | 1436.3 | 1437.5 | 1438.7 | 1439.9 | 1441.1 | 1442.3 | 1443.5 | 1444.7 | 1445.9 | 1447.1 | 1448.3 | 1449.5 | 1450.7 | 1451.9 | 1453.1 | 1454.3 | 1455.5 | 1456.7 | 1457.9 | 1459.1 | 1460.3 | 1461.5 | 1462.7 | 1463.9 | 1465.1 | 1466.3 | 1467.5 | 1468.7 | 1469.9 | 1471.1 | 1472.3 | 1473.5 | 1474.7 |  |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|

TOTAL NUMBER OF OBSERVATIONS 324



## CEILING VERSUS VISIBILITY

2000

1000

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_



## CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

[illegible]

TOTAL NUMBER OF OBSERVATIONS



U.S. AIR FORCE  
 METEOROLOGICAL BRANCH  
 WASHINGTON, D.C.

# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

1-1-1961

| CEILING | 1000 | 900 | 800 | 700 | 600 | 500 | 400 | 300 | 200 | 100 | 50  | 25  | 10  | 5   | 2   | 1   | 0   |
|---------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1000    | 1.1  | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 900     | 1.1  | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 800     | 1.1  | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 700     | 1.1  | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 600     | 1.1  | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 500     | 1.1  | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 400     | 1.1  | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 300     | 1.1  | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 200     | 1.1  | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 100     | 1.1  | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 50      | 1.1  | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 25      | 1.1  | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 10      | 1.1  | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 5       | 1.1  | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 2       | 1.1  | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 1       | 1.1  | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 0       | 1.1  | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |

TOTAL NUMBER OF OBSERVATIONS



## CEILING VERSUS VISIBILITY

— — —

244

TOTAL NUMBER OF OBSERVATIONS 100



## CEILING VERSUS VISIBILITY

— — —

—

[illegible]TOTAL NUMBER OF OBSERVATIONS 21



U. S. AIR FORCE  
 AIR FORCE  
 AIR FORCE

# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

| CEILING | 1000 | 900  | 800  | 700  | 600  | 500  | 400  | 300  | 200  | 100  | 50   | 25   | 10   | 5    | 2    | 1    | 0    |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1000    | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 |
| 900     | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 |
| 800     | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 |
| 700     | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 |
| 600     | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 |
| 500     | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 |
| 400     | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 |
| 300     | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 |
| 200     | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 |
| 100     | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 |
| 50      | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 |
| 25      | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 |
| 10      | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 |
| 5       | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 |
| 2       | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 |
| 1       | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 |
| 0       | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 |

TOTAL NUMBER OF OBSERVATIONS



## CEILING VERSUS VISIBILITY

TOTAL NUMBER OF OBSERVATIONS 12



PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_



ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED  
DATE 08-01-2001 BY 60322 UCBAW

1950-1951-1952

[illegible]TOTAL NUMBER OF OBSERVATIONS 100



# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

|    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1  | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 2  | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 3  | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 4  | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 5  | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 6  | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 7  | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 8  | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 9  | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 10 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 11 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 12 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 13 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 14 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 15 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 16 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 17 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 18 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 19 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 20 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 21 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 22 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 23 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 24 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |

TOTAL NUMBER OF OBSERVATIONS 250



ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED  
DATE 08-01-2001 BY 60322 UCBAW

[illegible]TOTAL NUMBER OF OBSERVATIONS 1



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TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_



## AL ALPACALDO - 9024

*[Faint, illegible markings]*

TOTAL NUMBER OF OBSERVATIONS 673



# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

| CEILING | 1000 | 900 | 800 | 700 | 600 | 500 | 400 | 300 | 200 | 100 | 50  | 25  | 10  | 5   | 2   | 1   | 0   |
|---------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1000    | 4.1  | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| 900     | 4.1  | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| 800     | 4.1  | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| 700     | 4.1  | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| 600     | 4.1  | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| 500     | 4.1  | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| 400     | 4.1  | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| 300     | 4.1  | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| 200     | 4.1  | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| 100     | 4.1  | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| 50      | 4.1  | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| 25      | 4.1  | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| 10      | 4.1  | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| 5       | 4.1  | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| 2       | 4.1  | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| 1       | 4.1  | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| 0       | 4.1  | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |

TOTAL NUMBER OF OBSERVATIONS 692



ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED  
DATE 05-12-2002

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_



1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 26

‘ ‘ ‘ ‘ ‘

1990

TOTAL NUMBER OF OBSERVATIONS 3



## CEILING VERSUS VISIBILITY

72-2

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_

USAF F-AC 0-14.5 VOL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



[illegible]

1000

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_



## CEILING VERSUS VISIBILITY

- 21 -

[illegible]

TOTAL NUMBER OF OBSERVATIONS.



AL CLIMATOLOGY BRANCH  
ETAC  
SPATIAL SERVICE/1110

# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

|     |     | VISIBILITY IN METERS |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-----|-----|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|     |     | 20                   | 22   | 24   | 26   | 28   | 30   | 32   | 34   | 36   | 38   | 40   | 42   | 44   | 46   | 48   | 50   |
| 100 | 100 | 41.5                 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 |
| 90  | 90  | 41.5                 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 |
| 80  | 80  | 41.5                 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 |
| 70  | 70  | 41.5                 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 |
| 60  | 60  | 41.5                 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 |
| 50  | 50  | 41.5                 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 |
| 40  | 40  | 41.5                 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 |
| 30  | 30  | 41.5                 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 |
| 20  | 20  | 41.5                 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 |
| 10  | 10  | 41.5                 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 |
| 0   | 0   | 41.5                 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 |

TOTAL NUMBER OF OBSERVATIONS 71



U.S. AIR FORCE  
 CLIMATE BRANCH  
 WASHINGTON, D.C.  
 FORM 10-1 (10-1-60)

# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

| CEILING | 1000 | 900  | 800  | 700  | 600  | 500  | 400  | 300  | 200  | 100  | 0    |
|---------|------|------|------|------|------|------|------|------|------|------|------|
| 1000    | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 |
| 900     | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 |
| 800     | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 |
| 700     | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 |
| 600     | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 |
| 500     | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 |
| 400     | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 |
| 300     | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 |
| 200     | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 |
| 100     | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 |
| 0       | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 |

TOTAL NUMBER OF OBSERVATIONS 54



# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

ALL

|      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1.0  | 41.7 | 41.1 | 44.3 | 44.4 | 44.9 | 44.5 | 44.5 | 44.7 | 44.5 | 48.7 | 44.7 | 44.3 | 44.7 | 44.7 |
| 1.2  | 41.5 | 41.0 | 44.1 | 44.3 | 44.3 | 44.4 | 44.3 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 |
| 1.4  | 41.5 | 41.7 | 47.2 | 47.4 | 47.4 | 47.5 | 47.5 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| 1.6  | 41.5 | 41.1 | 47.2 | 47.4 | 47.2 | 47.2 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| 1.8  | 41.7 | 41.3 | 47.4 | 47.5 | 47.5 | 47.7 | 47.5 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| 2.0  | 41.4 | 41.2 | 41.1 | 41.2 | 41.1 | 41.4 | 41.1 | 41.3 | 41.3 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 |
| 2.2  | 41.6 | 51.7 | 51.2 | 51.5 | 51.7 | 51.4 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 2.4  | 51.1 | 51.1 | 51.1 | 51.7 | 51.5 | 51.7 | 52.2 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 | 52.1 |
| 2.6  | 51.1 | 51.7 | 51.7 | 51.8 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 2.8  | 51.1 | 51.7 | 51.7 | 51.8 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 3.0  | 51.1 | 51.7 | 51.7 | 51.8 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 3.2  | 51.1 | 51.7 | 51.7 | 51.8 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 3.4  | 51.1 | 51.7 | 51.7 | 51.8 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 3.6  | 51.1 | 51.7 | 51.7 | 51.8 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 3.8  | 51.1 | 51.7 | 51.7 | 51.8 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 4.0  | 51.1 | 51.7 | 51.7 | 51.8 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 4.2  | 51.1 | 51.7 | 51.7 | 51.8 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 4.4  | 51.1 | 51.7 | 51.7 | 51.8 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 4.6  | 51.1 | 51.7 | 51.7 | 51.8 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 4.8  | 51.1 | 51.7 | 51.7 | 51.8 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 5.0  | 51.1 | 51.7 | 51.7 | 51.8 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 5.2  | 51.1 | 51.7 | 51.7 | 51.8 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 5.4  | 51.1 | 51.7 | 51.7 | 51.8 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 5.6  | 51.1 | 51.7 | 51.7 | 51.8 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 5.8  | 51.1 | 51.7 | 51.7 | 51.8 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 6.0  | 51.1 | 51.7 | 51.7 | 51.8 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 6.2  | 51.1 | 51.7 | 51.7 | 51.8 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 6.4  | 51.1 | 51.7 | 51.7 | 51.8 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 6.6  | 51.1 | 51.7 | 51.7 | 51.8 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 6.8  | 51.1 | 51.7 | 51.7 | 51.8 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 7.0  | 51.1 | 51.7 | 51.7 | 51.8 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 7.2  | 51.1 | 51.7 | 51.7 | 51.8 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 7.4  | 51.1 | 51.7 | 51.7 | 51.8 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 7.6  | 51.1 | 51.7 | 51.7 | 51.8 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 7.8  | 51.1 | 51.7 | 51.7 | 51.8 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 8.0  | 51.1 | 51.7 | 51.7 | 51.8 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 8.2  | 51.1 | 51.7 | 51.7 | 51.8 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 8.4  | 51.1 | 51.7 | 51.7 | 51.8 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 8.6  | 51.1 | 51.7 | 51.7 | 51.8 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 8.8  | 51.1 | 51.7 | 51.7 | 51.8 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 9.0  | 51.1 | 51.7 | 51.7 | 51.8 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 9.2  | 51.1 | 51.7 | 51.7 | 51.8 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 9.4  | 51.1 | 51.7 | 51.7 | 51.8 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 9.6  | 51.1 | 51.7 | 51.7 | 51.8 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 9.8  | 51.1 | 51.7 | 51.7 | 51.8 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 10.0 | 51.1 | 51.7 | 51.7 | 51.8 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |

TOTAL NUMBER OF OBSERVATIONS 1000



## CEILING VERSUS VISIBILITY

[illegible]TOTAL NUMBER OF OBSERVATIONS                      67



1. ALTIMETER DATA  
2. WIND  
3. TEMPERATURE  
4. HUMIDITY  
5. PRESSURE  
6. VISIBILITY  
7. CLOUDS  
8. WEATHER  
9. TIME  
10. LOCATION

# CEILING VERSUS VISIBILITY

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

11-2-55

| CEILING | 26  | 24  | 22  | 20  | 18  | 16  | 14  | 12  | 10  | 8   | 6   | 4   | 2   | 0   |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 0-3     | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 3-6     | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 6-10    | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 10-14   | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 14-18   | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 18-22   | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 22-26   | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 26-30   | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 30-34   | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 34-38   | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 38-42   | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 42-46   | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 46-50   | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 50-54   | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 54-58   | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 58-62   | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 62-66   | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 66-70   | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 70-74   | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 74-78   | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 78-82   | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 82-86   | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 86-90   | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 90-94   | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 94-98   | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 98-100  | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_



THE ULTIMATE COMBAT  
 1970  
 1971

— — — — —

TOTAL NUMBER OF OBSERVATIONS 21



## CEILING VERSUS VISIBILITY

- 4 - 2424

TOTAL NUMBER OF OBSERVATIONS 22



WEATHER DATA  
 1. DATE  
 2. TIME  
 3. LOCATION

# CEILING VERSUS VISIBILITY

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

| CEILING | 1000  | 900   | 800   | 700   | 600   | 500   | 400   | 300   | 200   | 100   | 50    | 25    | 10    | 5     | 2     | 1     | 0     |
|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1000    | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 900     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 800     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 700     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 600     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 500     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 400     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 300     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 200     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 100     | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 50      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 25      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 10      | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 5       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 1       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0       | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_



— 22 —

— 22 —

TOTAL NUMBER OF OBSERVATIONS 71



1. DATE: 15 JUL 1964  
2. TIME: 1200  
3. LOCATION: 15N 105E

## CEILING VERSUS VISIBILITY

4. STATION: 15N 105E

5. DATE: 15 JUL 1964

### PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

6. TIME: 1200

|     |     | VISIBILITY (STATUTE MILES) |     |     |     |     |     |     |     |     |     |
|-----|-----|----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|     |     | 10                         | 9   | 8   | 7   | 6   | 5   | 4   | 3   | 2   | 1   |
| 100 | 100 | 100                        | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 90  | 90  | 90                         | 90  | 90  | 90  | 90  | 90  | 90  | 90  | 90  | 90  |
| 80  | 80  | 80                         | 80  | 80  | 80  | 80  | 80  | 80  | 80  | 80  | 80  |
| 70  | 70  | 70                         | 70  | 70  | 70  | 70  | 70  | 70  | 70  | 70  | 70  |
| 60  | 60  | 60                         | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  | 60  |
| 50  | 50  | 50                         | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  |
| 40  | 40  | 40                         | 40  | 40  | 40  | 40  | 40  | 40  | 40  | 40  | 40  |
| 30  | 30  | 30                         | 30  | 30  | 30  | 30  | 30  | 30  | 30  | 30  | 30  |
| 20  | 20  | 20                         | 20  | 20  | 20  | 20  | 20  | 20  | 20  | 20  | 20  |
| 10  | 10  | 10                         | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  |
| 0   | 0   | 0                          | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |

TOTAL NUMBER OF OBSERVATIONS: 100



ALBUQUERQUE, N. M., 1950.

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TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_ 124



## CEILING VERSUS VISIBILITY

[illegible]

TOTAL NUMBER OF OBSERVATIONS



ALBUQUERQUE, N. M. 87105  
 505/843-2222

\_\_\_\_\_

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



TOTAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED, BROKEN,  
OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10



## SKY COVER

77-22

44.

STATION

SIA ON NAME

950 12

2000

| MONTH  | HOURS<br>(L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |   |   |      |   |   |   |   |   |      | MEAN<br>TENTHS OF<br>SKY COVER | TOTAL<br>NO. OF<br>OBS. |     |
|--------|-------------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|-----|
|        |                   | 0   | 1 | 2 | 3    | 4 | 5 | 6 | 7 | 8 | 9    |                                |                         | 10  |
| J      | 0-02              | 37.0  |   |   | 24.6 |   |   |   |   |   | 10.2 | 28.2                           | 4.7                     | 70  |
|        | 1-05              | 36.7  |   |   | 22.0 |   |   |   |   |   | 11.5 | 3.2                            | 4.7                     | 56  |
|        | -08               | 31.4  |   |   | 20.7 |   |   |   |   |   | 14.7 | 23.6                           | 4.9                     | 53  |
|        | -11               | 21.1  |   |   | 25.5 |   |   |   |   |   | 22.6 | 30.5                           | 5.2                     | 27  |
|        | 1-14              | 18.2  |   |   | 23.1 |   |   |   |   |   | 24.7 | 23.4                           | 5.2                     | 58  |
|        | 1-17              | 21.7  |   |   | 21.6 |   |   |   |   |   | 17.1 | 25.4                           | 5.5                     | 71  |
|        | 1-20              | 26.5  |   |   | 27.1 |   |   |   |   |   | 17.9 | 22.7                           | 5.8                     | 48  |
|        | 1-23              | 31.1  |   |   | 27.1 |   |   |   |   |   | 14.4 | 23.5                           | 5.0                     | 21  |
|        |                   |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|        |                   |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|        |                   |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|        |                   |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
| TOTALS |                   | 27.6  |   |   | 25.1 |   |   |   |   |   | 16.4 | 21.0                           | 5.3                     | 601 |



## SKY COVER

73-82

55.

STATION

STAT ON NAME

PK 9-00

44. *Myrica* sp.

| MONTH  | HOURS<br>EST. | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |   |   |      |   |   |   |   |   |      | MEAN<br>TENTHS OF<br>SKY COVER | TOTAL<br>NO. OF<br>OBS. |      |
|--------|---------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
|        |               | 0   | 1 | 2 | 3    | 4 | 5 | 6 | 7 | 8 | 9    |                                |                         | 10   |
| 10-02  | 41.5          |   |   |   | 13.7 |   |   |   |   |   | 12.9 | 26.6                           | 4.4                     | 763  |
| 11-01  | 42.3          |   |   |   | 15.4 |   |   |   |   |   | 13.1 | 23.3                           | 4.5                     | 827  |
| 11-07  | 34.6          |   |   |   | 23.1 |   |   |   |   |   | 16.6 | 26.7                           | 4.3                     | 372  |
| 11-11  | 21.5          |   |   |   | 24.9 |   |   |   |   |   | 19.4 | 27.4                           | 5.2                     | 636  |
| 11-14  | 51.           |   |   |   | 21.1 |   |   |   |   |   | 16.4 | 27.6                           | 5.2                     | 337  |
| 11-17  | 32.5          |   |   |   | 20.6 |   |   |   |   |   | 15.5 | 31.7                           | 5.1                     | 475  |
| 11-20  | 29.0          |   |   |   | 23.1 |   |   |   |   |   | 12.9 | 27.9                           | 5.0                     | 351  |
| 11-23  | 34.3          |   |   |   | 25.7 |   |   |   |   |   | 15.1 | 23.3                           | 4.6                     | 333  |
|        |               |   |   |   |      |   |   |   |   |   |      |                                |                         |      |
|        |               |   |   |   |      |   |   |   |   |   |      |                                |                         |      |
|        |               |   |   |   |      |   |   |   |   |   |      |                                |                         |      |
|        |               |   |   |   |      |   |   |   |   |   |      |                                |                         |      |
| TOTALS | 31.5          |   |   |   | 22.2 |   |   |   |   |   | 15.2 | 28.1                           | 4.9                     | 4504 |



## SKY COVER

77-24

STATION

S'A' 04 NAME

06022

[illegible]

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |   |   |      |   |   |   |   |   |      | MEAN<br>TENTHS OF<br>SKY COVER | TOTAL<br>NO. OF<br>OBS. |      |
|--------|----------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
|        |                | 0   | 1 | 2 | 3    | 4 | 5 | 6 | 7 | 8 | 9    |                                |                         | 10   |
| MAY    | 5-22           | 37.7  |   |   | 19.2 |   |   |   |   |   | 10.1 | 12.3                           | 4.8                     | 928  |
|        | 22-27          | 34.2  |   |   | 21.9 |   |   |   |   |   | 10.5 | 13.3                           | 4.9                     | 930  |
|        | 28-31          | 20.9  |   |   | 25.2 |   |   |   |   |   | 14.9 | 15.3                           | 5.0                     | 930  |
|        | 1-11           | 22.6  |   |   | 17.2 |   |   |   |   |   | 23.4 | 16.5                           | 5.3                     | 930  |
|        | 11-14          | 23.0  |   |   | 19.7 |   |   |   |   |   | 19.9 | 17.4                           | 6.1                     | 930  |
|        | 14-17          | 22.4  |   |   | 21.4 |   |   |   |   |   | 19.0 | 17.2                           | 5.1                     | 928  |
|        | 17-21          | 14.9  |   |   | 22.1 |   |   |   |   |   | 22.2 | 15.5                           | 6.2                     | 715  |
|        | 21-23          | 24.0  |   |   | 23.6 |   |   |   |   |   | 14.0 | 13.7                           | 5.4                     | 737  |
|        |                |   |   |   |      |   |   |   |   |   |      |                                |                         |      |
|        |                |   |   |   |      |   |   |   |   |   |      |                                |                         |      |
|        |                |   |   |   |      |   |   |   |   |   |      |                                |                         |      |
|        |                |   |   |   |      |   |   |   |   |   |      |                                |                         |      |
| TOTALS |                | 21.1  |   |   | 21.3 |   |   |   |   |   | 17.4 | 15.2                           | 5.7                     | 7023 |



U.S. AIR FORCE CLIMATOLOGY BRANCH  
 AFCECTAC  
 AIR WEATHER SERVICE/MAO

# SKY COVER

PD1780 INDIAN MOUNTAIN AFB AK

77-82

APR

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |   |   |      |   |   |   |   |   |      | MEAN<br>TENTHS OF<br>SKY COVER | TOTAL<br>NO. OF<br>OBS. |     |
|-------|----------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|-----|
|       |                | 0   | 1 | 2 | 3    | 4 | 5 | 6 | 7 | 8 | 9    |                                |                         | 10  |
| APR   | 00-02          | 25.6  |   |   | 21.9 |   |   |   |   |   | 15.4 | 23.1                           | 5.3                     | 894 |
|       | 3-05           | 16.9  |   |   | 24.9 |   |   |   |   |   | 18.7 | 29.7                           | 6.1                     | 897 |
|       | 6-08           | 17.8  |   |   | 19.8 |   |   |   |   |   | 20.2 | 42.4                           | 6.6                     | 897 |
|       | 9-11           | 15.6  |   |   | 21.5 |   |   |   |   |   | 26.1 | 36.9                           | 6.7                     | 894 |
|       | 12-14          | 16.9  |   |   | 23.5 |   |   |   |   |   | 25.4 | 34.2                           | 6.4                     | 897 |
|       | 15-17          | 17.4  |   |   | 20.8 |   |   |   |   |   | 22.3 | 37.5                           | 6.4                     | 883 |
|       | 18-20          | 16.3  |   |   | 18.7 |   |   |   |   |   | 27.8 | 37.2                           | 6.8                     | 899 |
|       | 21-23          | 17.5  |   |   | 21.2 |   |   |   |   |   | 18.5 | 47.7                           | 6.4                     | 877 |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   |      |   |   |   |   |   |      |                                |                         |     |
|       |                |   |   |   | </   |   |   |   |   |   |      |                                |                         |     |

USAFETAC

FORM  
JUL 44

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



CLIMATE CLIMATOLOGY BRANCH  
 AFSTAC  
 AIR WEATHER SERVICE/AFAC

# SKY COVER

1700 INDIAN MOUNTAIN AFB AK

77-52

MAY

STATION

STATION NAME

PER OC

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |   |   |      |   |   |   |   |   |      | MEAN<br>TENTHS OF<br>SKY COVER | TOTAL<br>NO. OF<br>OBS |
|--------|----------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|------------------------|
|        |                | 0   | 1 | 2 | 3    | 4 | 5 | 6 | 7 | 8 | 9    | 10                             |                        |
| MAY    | 5-07           | 12.8  |   |   | 24.4 |   |   |   |   |   | 27.0 | 36.0                           | 6.9                    |
|        | 8-07           | 10.5  |   |   | 25.9 |   |   |   |   |   | 27.0 | 36.7                           | 6.9                    |
|        | 11-07          | 11.2  |   |   | 24.7 |   |   |   |   |   | 31.7 | 33.4                           | 6.9                    |
|        | 2-11           | 11.8  |   |   | 27.0 |   |   |   |   |   | 33.3 | 31.3                           | 6.9                    |
|        | 12-14          | 7.4   |   |   | 27.4 |   |   |   |   |   | 36.8 | 30.7                           | 7.1                    |
|        | 1-17           | 6.3   |   |   | 26.1 |   |   |   |   |   | 35.4 | 31.1                           | 7.2                    |
|        | 1-20           | 9.7   |   |   | 31.4 |   |   |   |   |   | 30.3 | 30.2                           | 6.7                    |
|        | 1-23           | 10.6  |   |   | 20.4 |   |   |   |   |   | 26.1 | 34.3                           | 6.7                    |
|        |                |   |   |   |      |   |   |   |   |   |      |                                |                        |
|        |                |   |   |   |      |   |   |   |   |   |      |                                |                        |
|        |                |   |   |   |      |   |   |   |   |   |      |                                |                        |
|        |                |   |   |   |      |   |   |   |   |   |      |                                |                        |
|        |                |   |   |   |      |   |   |   |   |   |      |                                |                        |
| TOTALS |                | 11.1  |   |   | 25.9 |   |   |   |   |   | 30.8 | 33.2                           | 6.9                    |

USAFETAC

FORM  
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## SKY COVER

77-02

۶۰۹

STATION

STATION NAME

068 05

 $\mu_0 = \mu_0^0$ 

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |   |   |      |   |   |   |   |   |      | MEAN<br>TENTHS OF<br>SKY COVER | TOTAL<br>NUMBER<br>OBS. |      |
|--------|----------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
|        |                | 0   | 1 | 2 | 3    | 4 | 5 | 6 | 7 | 8 | 9    | 10                             |                         |      |
| JULY   | 00-02          | 4.7   |   |   | 23.6 |   |   |   |   |   | 33.7 | 43.1                           | 7.6                     | 327  |
|        | 03-05          | 5.3   |   |   | 21.9 |   |   |   |   |   | 33.9 | 32.4                           | 7.5                     | 663  |
|        | 06-08          | 4.2   |   |   | 23.4 |   |   |   |   |   | 31.6 | 40.9                           | 7.5                     | 381  |
|        | 09-11          | 2.9   |   |   | 21.6 |   |   |   |   |   | 37.9 | 37.9                           | 7.8                     | 574  |
|        | 12-14          | 1.5   |   |   | 17.5 |   |   |   |   |   | 41.8 | 39.3                           | 8.2                     | 365  |
|        | 15-17          | .3  |   |   | 19.5 |   |   |   |   |   | 39.9 | 40.4                           | 8.2                     | 793  |
|        | 18-20          | 1.7   |   |   | 19.9 |   |   |   |   |   | 37.2 | 41.1                           | 8.1                     | 717  |
|        | 21-23          | 3.1   |   |   | 22.0 |   |   |   |   |   | 32.2 | 42.6                           | 7.9                     | 673  |
|        |                |   |   |   |      |   |   |   |   |   |      |                                |                         |      |
|        |                |   |   |   |      |   |   |   |   |   |      |                                |                         |      |
|        |                |   |   |   |      |   |   |   |   |   |      |                                |                         |      |
|        |                |   |   |   |      |   |   |   |   |   |      |                                |                         |      |
| TOTALS |                | 7.5   |   |   | 21.2 |   |   |   |   |   | 35.4 | 42.4                           | 7.9                     | 5495 |



2

## 7 1740 INDIAN MOUNTAIN AFS AK

77-42

2.

STATION

STATION NAME

PER CC

4. 2. 2. 2.

## 1

3



24

## 7-1730 INDIAN MOUNTAIN AFB, AK

77-92

4

STATION

STAT ON NAME

PER 02

—

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |   |   |      |   |   |   |   |   |      | MEAN<br>TENTHS OF<br>SKY COVER | TOTAL<br>NO. OF<br>OBS. |      |
|--------|----------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
|        |                | 0   | 1 | 2 | 3    | 4 | 5 | 6 | 7 | 8 | 9    |                                |                         | 10   |
| A      | 10-02          | 3.2   |   |   | 29.4 |   |   |   |   |   | 23.2 | 39.2                           | 7.8                     | 695  |
|        | 10-05          | 4.4   |   |   | 28.6 |   |   |   |   |   | 26.2 | 41.7                           | 7.3                     | 722  |
|        | 10-08          | 3.9   |   |   | 23.1 |   |   |   |   |   | 32.4 | 40.6                           | 7.7                     | 923  |
|        | 10-11          | 3.6   |   |   | 24.1 |   |   |   |   |   | 33.2 | 39.2                           | 7.6                     | 724  |
|        | 11-14          | 2.3   |   |   | 22.9 |   |   |   |   |   | 36.6 | 37.7                           | 7.7                     | 724  |
|        | 11-17          | 2.2   |   |   | 23.3 |   |   |   |   |   | 41.7 | 32.9                           | 7.7                     | 916  |
|        | 11-21          | 2.7   |   |   | 24.1 |   |   |   |   |   | 44.6 | 28.5                           | 7.6                     | 698  |
|        | 11-23          | 6.3   |   |   | 29.1 |   |   |   |   |   | 29.9 | 35.7                           | 7.1                     | 686  |
|        |                |   |   |   |      |   |   |   |   |   |      |                                |                         |      |
|        |                |   |   |   |      |   |   |   |   |   |      |                                |                         |      |
|        |                |   |   |   |      |   |   |   |   |   |      |                                |                         |      |
|        |                |   |   |   |      |   |   |   |   |   |      |                                |                         |      |
| TOTALS |                | 4.4   |   |   | 26.4 |   |   |   |   |   | 33.5 | 36.7                           | 7.4                     | 6888 |



## SKY COVER

72-02

152

STATION

STATION NAME

1112

Y. A. Izrael

| MONTH  | HOURS<br>(L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |   |   |      |   |   |   |   |   |      | MEAN<br>TENTHS OF<br>SKY COVER | TOTAL<br>NO. OF<br>OBS. |      |
|--------|-------------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
|        |                   | 0   | 1 | 2 | 3    | 4 | 5 | 6 | 7 | 8 | 9    |                                |                         | 10   |
| 10-02  | 13.7              |   |   |   | 23.7 |   |   |   |   |   | 21.1 | 37.1                           | 6.4                     | 30   |
| 10-05  | 8.2               |   |   |   | 25.2 |   |   |   |   |   | 25.1 | 39.5                           | 7.7                     | 68   |
| 10-07  | 4.6               |   |   |   | 21.5 |   |   |   |   |   | 21.9 | 42.                            | 7.7                     | 638  |
| 10-11  | 4.4               |   |   |   | 21.6 |   |   |   |   |   | 20.  | 44.                            | 7.7                     | 680  |
| 11-14  | 4.7               |   |   |   | 22.7 |   |   |   |   |   | 21.2 | 41.2                           | 7.6                     | 694  |
| 11-17  | 5.6               |   |   |   | 21.0 |   |   |   |   |   | 23.2 | 40.2                           | 7.6                     | 861  |
| 11-20  | 5.9               |   |   |   | 24.0 |   |   |   |   |   | 29.3 | 43.5                           | 7.4                     | 709  |
| 11-23  | 7.2               |   |   |   | 29.1 |   |   |   |   |   | 28.1 | 36.7                           | 7.2                     | 652  |
|        |                   |   |   |   |      |   |   |   |   |   |      |                                |                         |      |
|        |                   |   |   |   |      |   |   |   |   |   |      |                                |                         |      |
|        |                   |   |   |   |      |   |   |   |   |   |      |                                |                         |      |
|        |                   |   |   |   |      |   |   |   |   |   |      |                                |                         |      |
|        |                   |   |   |   |      |   |   |   |   |   |      |                                |                         |      |
| TOTALS | 5.3               |   |   |   | 24.2 |   |   |   |   |   | 28.7 | 42.2                           | 7.3                     | 6676 |



## SKY COVER

554

94. *Phytophthora*

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |   |   |      |   |   |   |   |   |      | MEAN<br>TENTHS OF<br>SKY COVER | TOTAL<br>NO. OF<br>HRS. |      |
|--------|----------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
|        |                | 0   | 1 | 2 | 3    | 4 | 5 | 6 | 7 | 8 | 9    | 10                             |                         |      |
| JUN    | 00-03          | 14.1  |   |   | 19.5 |   |   |   |   |   | 16.1 | 46.3                           | .7                      | 918  |
|        | 3-06           | 17.4  |   |   | 16.7 |   |   |   |   |   | 18.8 | 46.0                           | 6.9                     | 917  |
|        | 6-09           | 8.3   |   |   | 17.8 |   |   |   |   |   | 24.9 | 49.1                           | 7.7                     | 917  |
|        | 9-11           | 6.2   |   |   | 10.4 |   |   |   |   |   | 25.2 | 37.4                           | 7.2                     | 918  |
|        | 11-14          | 7.  |   |   | 17.9 |   |   |   |   |   | 23.9 | 50.4                           | 7.7                     | 921  |
|        | 14-17          | 6.6   |   |   | 15.2 |   |   |   |   |   | 25.2 | 52.4                           | 6.7                     | 866  |
|        | 18-20          | 7.1   |   |   | 20.2 |   |   |   |   |   | 19.9 | 52.8                           | 7.7                     | 819  |
|        | 21-23          | 12.1  |   |   | 17.2 |   |   |   |   |   | 17.5 | 51.2                           | 7.3                     | 852  |
|        |                |   |   |   |      |   |   |   |   |   |      |                                |                         |      |
|        |                |   |   |   |      |   |   |   |   |   |      |                                |                         |      |
|        |                |   |   |   |      |   |   |   |   |   |      |                                |                         |      |
|        |                |   |   |   |      |   |   |   |   |   |      |                                |                         |      |
| TOTALS |                | 10.4  |   |   | 18.2 |   |   |   |   |   | 21.4 | 49.8                           | 7.5                     | 6778 |



2  
 CLIMATOLGY BRANCH  
 AFMTC  
 AIR WEATHER SERVICE

# SKY COVER

STATION INDIAN MOUNTAIN AFB OK

77-92

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS<br>(L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |   |    |      |   |   |   |   |   |      | MEAN<br>TENTH OF<br>SKY COVER | TOTAL<br>NO. OF<br>OBS. |     |
|-------|-------------------|---|---|----|------|---|---|---|---|---|------|-------------------------------|-------------------------|-----|
|       |                   | 0   | 1 | 2  | 3    | 4 | 5 | 6 | 7 | 8 | 9    |                               |                         | 10  |
| NOV   | 11-02             | 22.2  |   |    | 17.9 |   |   |   |   |   | 17.3 | 41.5                          | 5.3                     | 582 |
|       | 11-07             | 25.6  |   |    | 17.7 |   |   |   |   |   | 15.5 | 41.7                          | 5.7                     | 595 |
|       | 11-09             | 21.7  |   |    | 20.7 |   |   |   |   |   | 15.4 | 39.7                          | 6.2                     | 586 |
|       | 11-11             | 13.7  |   |    | 22.7 |   |   |   |   |   | 10.3 | 42.1                          | 6.2                     | 597 |
|       | 11-14             | 12.4  |   |    | 20.6 |   |   |   |   |   | 15.2 | 41.3                          | 7.1                     | 589 |
|       | 11-17             | 13.2  |   |    | 19.3 |   |   |   |   |   | 22.6 | 44.3                          | 7.1                     | 550 |
|       | 11-20             | 16.7  |   |    | 19.9 |   |   |   |   |   | 19.7 | 43.5                          | 6.7                     | 574 |
|       | 11-23             | 17.2  |   |    | 19.8 |   |   |   |   |   | 14.2 | 43.7                          | 6.7                     | 567 |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   |    |      |   |   |   |   |   |      |                               |                         |     |
|       |                   |   |   | </ |      |   |   |   |   |   |      |                               |                         |     |

USAFETAC

FORM  
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## SKY COVER

73-93

27

STATION

STAT C% NAME

956 31

— 44 —

| MONTH  | HOURS<br>(L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |   |   |      |   |   |   |   |   |      | MEAN<br>TENTHS OF<br>SKY COVER | TOTAL<br>NO. OF<br>OBS. |      |
|--------|-------------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
|        |                   | 0   | 1 | 2 | 3    | 4 | 5 | 6 | 7 | 8 | 9    |                                |                         | 10   |
| FC     | 00-02             | 37.0  |   |   | 17.9 |   |   |   |   |   | 14.3 | 10.9                           | 5.9                     | 574  |
|        | 03-05             | 35.1  |   |   | 19.6 |   |   |   |   |   | 12.4 | 11.9                           | 4.9                     | 925  |
|        | 06-08             | 34.5  |   |   | 18.5 |   |   |   |   |   | 14.9 | 12.2                           | 5.1                     | 905  |
|        | 09-11             | 15.5  |   |   | 27.5 |   |   |   |   |   | 10.9 | 12.0                           | 5.9                     | 977  |
|        | 12-14             | 20.1  |   |   | 24.2 |   |   |   |   |   | 22.3 | 32.5                           | 5.1                     | 591  |
|        | 15-17             | 23.6  |   |   | 23.9 |   |   |   |   |   | 15.3 | 34.0                           | 5.9                     | 624  |
|        | 18-20             | 27.0  |   |   | 26.7 |   |   |   |   |   | 15.4 | 31.6                           | 5.3                     | 674  |
|        | 21-23             | 32.6  |   |   | 21.9 |   |   |   |   |   | 13.9 | 31.6                           | 5.1                     | 699  |
|        |                   |   |   |   |      |   |   |   |   |   |      |                                |                         |      |
|        |                   |   |   |   |      |   |   |   |   |   |      |                                |                         |      |
|        |                   |   |   |   |      |   |   |   |   |   |      |                                |                         |      |
|        |                   |   |   |   |      |   |   |   |   |   |      |                                |                         |      |
| TOTALS |                   | 21.3  |   |   | 32.4 |   |   |   |   |   | 16.6 | 32.1                           | 5.4                     | 6633 |



2  
 FEDERAL CLIMATOLOGY BRANCH  
 METAC  
 AIR WEATHER SERVICE/MAC

# SKY COVER

1770 INDIAN MOUNTAIN AFB AK

77-92

ALL

STATION

STATION NAME

PERIOD

UNIT

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>(LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER |   |   |      |   |   |   |   |   |      |      | MEAN<br>PERCENTAGE<br>OF SKY COVER | TOTAL<br>OBSERVATIONS |
|--------|----------------|---|---|---|------|---|---|---|---|---|------|------|------------------------------------|-----------------------|
|        |                | 0   | 1 | 2 | 3    | 4 | 5 | 6 | 7 | 8 | 9    | 10   |                                    |                       |
| JAN    | ALL            | 27.6  |   |   | 25.7 |   |   |   |   |   | 15.4 | 11.0 | 5.3                                | 6517                  |
| FEB    |                | 34.5  |   |   | 22.2 |   |   |   |   |   | 15.2 | 14.1 | 4.9                                | 6074                  |
| MAR    |                | 25.1  |   |   | 11.3 |   |   |   |   |   | 17.4 | 35.0 | 5.7                                | 7023                  |
| APR    |                | 14.2  |   |   | 21.7 |   |   |   |   |   | 21.5 | 37.6 | 4.3                                | 6596                  |
| MAY    |                | 10.1  |   |   | 25.9 |   |   |   |   |   | 20.0 | 33.2 | 6.9                                | 6709                  |
| JUN    |                | 2.0   |   |   | 1.2  |   |   |   |   |   | 20.4 | 40.4 | 7.9                                | 6495                  |
| JUL    |                | 2.5   |   |   | 27.6 |   |   |   |   |   | 35.1 | 34.7 | 7.5                                | 6357                  |
| AUG    |                | 4.4   |   |   | 25.4 |   |   |   |   |   | 33.5 | 36.7 | 7.4                                | 6398                  |
| SEP    |                | 6.3   |   |   | 24.2 |   |   |   |   |   | 24.7 | 40.2 | 7.3                                | 6506                  |
| OCT    |                | 10.7  |   |   | 19.2 |   |   |   |   |   | 21.4 | 49.8 | 7.5                                | 6726                  |
| NOV    |                | 17.8  |   |   | 19.9 |   |   |   |   |   | 19.4 | 42.4 | 6.6                                | 6625                  |
| DEC    |                | 29.8  |   |   | 22.4 |   |   |   |   |   | 16.6 | 22.1 | 5.4                                | 6643                  |
| TOTALS |                | 16.0  |   |   | 22.9 |   |   |   |   |   | 24.3 | 36.8 | 6.6                                | 78723                 |

USAFETAC

FORM  
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to points of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

- a. Daily maximum temperatures
- b. Daily minimum temperatures
- c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

- a. Extreme maximum temperature
- b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) \* indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Values for mean and standard deviations do not include temperatures for temperatures missing.

Continued on Reverse



3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ( $\sum X^2$ ), sums of values ( $\sum X$ ), means ( $\bar{X}$ ), and standard deviations ( $\sigma_x$ ). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
  - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
  - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.



NATIONAL CLIMATOLOGY BRANCH  
 METAC  
 WEATHER SERVICE/MAC  
 STATION 111111 MOUNTAIN AFB TX  
 STATION NAME

# DAILY TEMPERATURES

63-02

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM DAILY OBSERVATIONS)

MAXIMUM

| TEMP °F   | JAN      | FEB    | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT    | NOV    | DEC    | ANNUAL |
|-----------|----------|--------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| 75        |          |        |       |       |       | 1.0   | 0.0   |       |       |        |        |        | 0.1    |
| 70        |          |        |       |       |       | 4.2   | 5.1   | 1.5   |       |        |        |        | 0.7    |
| 65        |          |        |       |       | 1.0   | 10.6  | 19.5  | 7.2   |       |        |        |        | 3.3    |
| 60        |          |        |       |       | 2.0   | 24.3  | 42.6  | 20.2  | 0.6   |        |        |        | 0.0    |
| 55        |          |        |       |       | 7.4   | 52.6  | 60.9  | 39.2  | 2.3   |        |        |        | 13.9   |
| 50        |          |        |       |       | 24.6  | 73.7  | 80.9  | 59.5  | 11.6  |        |        |        | 21.2   |
| 45        |          |        |       |       | 40.6  | 87.9  | 91.5  | 81.4  | 25.3  | 0.2    |        |        | 27.8   |
| 40        |          |        |       | 1.9   | 60.2  | 95.0  | 98.0  | 94.3  | 42.9  | 0.7    |        |        | 33.3   |
| 35        |          |        |       | 5.3   | 79.8  | 99.8  | 99.8  | 99.0  | 65.5  | 3.3    |        |        | 38.3   |
| 30        |          |        |       | 10.6  | 89.4  | 100.0 | 100.0 | 100.0 | 80.0  | 1.1    |        |        | 42.0   |
| 25        | 1.0      | 1.7    | 4.5   | 34.5  | 95.8  |       |       |       | 90.7  | 20.8   | 1.4    | 0.6    | 40.5   |
| 20        | 3.0      | 5.1    | 11.7  | 62.5  | 97.8  |       |       |       | 98.1  | 35.8   | 0.0    | 3.4    | 52.1   |
| 15        | 7.0      | 13.0   | 23.2  | 63.7  | 99.2  |       |       |       | 99.8  | 59.7   | 12.9   | 0.3    | 50.0   |
| 10        | 10.2     | 17.4   | 34.3  | 77.7  | 99.4  |       |       |       | 100.0 | 70.3   | 20.0   | 14.7   | 64.7   |
| 5         | 20.6     | 26.5   | 49.9  | 92.8  | 99.8  |       |       |       |       | 90.3   | 42.9   | 23.5   | 71.0   |
| 0         | 35.6     | 38.3   | 61.6  | 97.7  | 100.0 |       |       |       |       | 93.0   | 62.3   | 36.0   | 77.6   |
| -5        | 44.4     | 51.0   | 73.3  | 99.4  |       |       |       |       |       | 96.5   | 73.0   | 48.2   | 82.0   |
| -10       | 50.2     | 60.7   | 82.5  | 100.0 |       |       |       |       |       | 98.7   | 82.7   | 59.1   | 87.0   |
| -15       | 55.2     | 70.1   | 89.8  |       |       |       |       |       |       | 99.8   | 88.7   | 70.2   | 91.6   |
| -20       | 73.2     | 80.1   | 94.5  |       |       |       |       |       |       | 100.0  | 93.5   | 76.3   | 93.3   |
| -25       | 78.5     | 87.9   | 97.2  |       |       |       |       |       |       |        | 96.0   | 82.3   | 95.0   |
| -30       | 83.8     | 92.2   | 99.1  |       |       |       |       |       |       |        | 98.4   | 86.3   | 96.7   |
| -35       | 86.3     | 90.6   | 100.0 |       |       |       |       |       |       |        | 98.9   | 91.5   | 97.0   |
| -40       | 91.2     | 99.5   |       |       |       |       |       |       |       |        | 99.0   | 95.2   | 98.9   |
| -45       | 95.3     | 100.0  |       |       |       |       |       |       |       |        | 100.0  | 93.5   | 99.0   |
| -50       | 99.2     |        |       |       |       |       |       |       |       |        |        | 99.2   | 99.8   |
| -55       | 99.8     |        |       |       |       |       |       |       |       |        |        | 100.0  | 99.9   |
| -60       | 100.0    |        |       |       |       |       |       |       |       |        |        |        | 100.0  |
| MEAN      |          | 4.1    | 13.0  | 29.5  | 52.0  | 64.8  | 66.8  | 62.2  | 48.0  | 26.5   | 11.2   | 1.0    | 31.7   |
| S.D.      | 17.33216 | 14.213 | 7.971 | 4.473 | 2.984 | 8.355 | 8.434 | 8.111 | 9.148 | 10.227 | 12.830 | 17.073 | 27.775 |
| TOTAL OBS | 48       | 412    | 469   | 469   | 500   | 479   | 577   | 526   | 484   | 544    | 504    | 531    | 5914   |



GLOBAL CLIMATOLOGY BRANCH  
 AFETAC  
 WEATHER SERVICE/MAC  
 101730 INDIAN MOUNTAIN AFS AK  
 STATION STATION NAME

# DAILY TEMPERATURES

63-82

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM DAILY OBSERVATIONS)

MINIMUM

| TEMP °F   | JAN   | FEB   | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   | ANNUAL |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 75        |       |       |       |       |       | .4    | .2    | .2    |       |       |       |       | .1     |
| 70        |       |       |       |       |       | 1.7   | 1.6   | .4    |       |       |       |       | .3     |
| 65        |       |       |       |       |       | 7.1   | 13.4  | 4.6   |       |       |       |       | 2.1    |
| 60        |       |       |       |       | 1.3   | 25.5  | 43.8  | 21.7  | 1.4   |       |       |       | 8.1    |
| 55        |       |       |       |       | 9.2   | 53.5  | 78.3  | 49.4  | 6.6   |       |       |       | 17.1   |
| 50        |       |       |       |       | 20.4  | 85.4  | 93.9  | 76.0  | 21.7  | .2    |       |       | 25.2   |
| 45        |       |       |       |       | 42.4  | 95.4  | 98.8  | 92.0  | 47.3  | 2.2   |       |       | 32.6   |
| 40        |       |       |       | .9    | 62.0  | 98.3  | 99.6  | 95.2  | 59.1  | 4.8   |       |       | 35.8   |
| 35        |       |       |       | 4.5   | 79.8  | 100.0 | 100.0 | 98.3  | 71.5  | 9.9   |       |       | 39.9   |
| 30        |       | .5    | 1.1   | 12.0  | 92.0  |       |       | 99.8  | 86.4  | 23.2  | .4    | .2    | 44.0   |
| 25        | 1.2   | 1.5   | 3.2   | 19.2  | 94.2  |       |       | 100.0 | 95.2  | 40.8  | 6.2   | .6    | 49.5   |
| 20        | 3.3   | 3.7   | 6.8   | 32.6  | 97.0  |       |       |       | 98.1  | 59.7  | 11.3  | 2.1   | 54.7   |
| 15        | 7.0   | 7.0   | 14.7  | 46.9  | 98.6  |       |       |       | 99.8  | 72.6  | 23.0  | 5.1   | 61.0   |
| 10        | 15.1  | 12.9  | 24.9  | 64.0  | 99.0  |       |       |       | 100.0 | 82.2  | 36.5  | 12.4  | 67.1   |
| 5         | 23.5  | 18.4  | 37.7  | 73.6  | 99.6  |       |       |       |       | 88.6  | 51.0  | 31.5  | 72.4   |
| 0         | 33.1  | 27.7  | 49.3  | 82.9  | 100.0 |       |       |       |       | 93.2  | 65.5  | 43.7  | 75.4   |
| -5        | 42.9  | 38.6  | 59.9  | 90.4  |       |       |       |       |       | 96.5  | 74.2  | 53.9  | 82.7   |
| -10       | 50.0  | 49.5  | 66.3  | 95.5  |       |       |       |       |       | 98.0  | 81.3  | 63.7  | 86.0   |
| -15       | 60.0  | 60.2  | 74.4  | 95.3  |       |       |       |       |       | 99.4  | 88.7  | 69.3  | 89.0   |
| -20       | 66.7  | 63.7  | 81.4  | 99.8  |       |       |       |       |       | 100.0 | 92.5  | 75.0  | 92.2   |
| -25       | 73.4  | 75.0  | 88.1  | 100.0 |       |       |       |       |       |       | 97.0  | 81.2  | 94.0   |
| -30       | 77.3  | 83.3  | 93.9  |       |       |       |       |       |       |       | 99.4  | 91.7  | 97.1   |
| -35       | 85.7  | 90.0  | 97.2  |       |       |       |       |       |       |       | 100.0 | 97.0  | 98.7   |
| -40       | 92.0  | 96.6  | 98.5  |       |       |       |       |       |       |       |       | 98.7  | 99.5   |
| -45       | 95.7  | 99.3  | 100.0 |       |       |       |       |       |       |       |       | 99.8  | 99.8   |
| -50       | 98.0  | 100.0 |       |       |       |       |       |       |       |       |       | 100.0 | 99.9   |
| -55       | 99.2  |       |       |       |       |       |       |       |       |       |       |       | 100.0  |
| -60       | 99.8  |       |       |       |       |       |       |       |       |       |       |       | 100.0  |
| -65       | 100.0 |       |       |       |       |       |       |       |       |       |       |       | 100.0  |
| MEAN      | -11.0 | -11.2 | -3.1  | 12.7  | 33.5  | 45.7  | 48.4  | 44.1  | 33.3  | 15.3  | -1.3  | -10.5 | 16.3   |
| SD        | 17.45 | 17.33 | 16.75 | 12.72 | 8.05  | 5.20  | 5.56  | 6.63  | 7.83  | 12.17 | 14.25 | 17.37 | 26.14  |
| TOTAL OBS | 487   | 412   | 469   | 469   | 500   | 479   | 577   | 526   | 484   | 544   | 504   | 531   | 5914   |



NATIONAL CLIMATOLOGY BRANCH  
 AFMTC  
 WEATHER SERVICE/MAC  
 175 INDIAN MOUNTAIN AFB AK  
 STATION STATION NAME

53-82

YEARS

## DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM DAILY OBSERVATIONS)

MEAN

| TEMP °F   | JAN    | FEB    | MAR    | APR    | MAY   | JUN   | JUL   | AUG   | SEP   | OCT    | NOV    | DEC    | ANNUAL |
|-----------|--------|--------|--------|--------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| 75        |        |        |        |        |       | 2.2   |       |       |       |        |        |        | 2.2    |
| 70        |        |        |        |        |       | 2.2   | 2.0   | .6    |       |        |        |        | 4.8    |
| 65        |        |        |        |        |       | 3.8   | 13.2  | 4.3   |       |        |        |        | 19.3   |
| 60        |        |        |        |        | 1.5   | 23.2  | 45.6  | 18.3  | .4    |        |        |        | 80.2   |
| 55        |        |        |        |        | 6.6   | 53.5  | 71.2  | 43.7  | 2.9   |        |        |        | 99.5   |
| 50        |        |        |        |        | 22.2  | 81.2  | 91.3  | 73.2  | 12.6  |        |        |        | 100.0  |
| 45        |        |        |        | .4     | 45.2  | 94.3  | 98.2  | 89.5  | 34.1  | .6     |        |        | 100.0  |
| 40        |        |        |        | 2.0    | 71.2  | 99.2  | 99.8  | 99.2  | 62.4  | 2.6    |        |        | 100.0  |
| 35        |        |        |        | 13.0   | 88.6  | 100.0 | 100.0 | 100.0 | 75.1  | 3.3    |        |        | 100.0  |
| 30        |        | .3     | 1.7    | 3.0    | 26.0  | 94.2  |       |       | 91.1  | 24.1   | 1.3    | .6     | 100.0  |
| 25        | 3.1    | 4.4    | 9.2    | 41.6   | 96.4  |       |       |       | 97.3  | 39.9   | 3.6    | 2.1    | 100.0  |
| 20        | 1.2    | 9.2    | 18.1   | 56.9   | 98.2  |       |       |       | 99.3  | 53.8   | 10.5   | 6.4    | 100.0  |
| 15        | 15.1   | 15.3   | 30.1   | 72.9   | 99.2  |       |       |       | 100.0 | 76.7   | 25.4   | 13.4   | 100.0  |
| 10        | 25.2   | 32.8   | 42.4   | 83.4   | 99.6  |       |       |       |       | 87.3   | 40.9   | 23.7   | 100.0  |
| 5         | 33.7   | 31.1   | 55.7   | 92.5   | 100.0 |       |       |       |       | 92.3   | 57.9   | 34.3   | 100.0  |
| 0         | 43.1   | 43.7   | 65.5   | 97.7   |       |       |       |       |       | 90.6   | 66.7   | 45.6   | 100.0  |
| -5        | 53.1   | 54.9   | 73.8   | 99.6   |       |       |       |       |       | 97.2   | 78.8   | 55.7   | 100.0  |
| -10       | 62.4   | 68.8   | 82.1   | 99.8   |       |       |       |       |       | 99.1   | 85.5   | 65.5   | 100.0  |
| -15       | 70.1   | 73.1   | 89.3   | 100.0  |       |       |       |       |       | 99.6   | 90.7   | 72.3   | 100.0  |
| -20       | 76.1   | 81.1   | 94.2   |        |       |       |       |       |       | 100.0  | 95.4   | 79.5   | 100.0  |
| -25       | 82.5   | 88.3   | 97.4   |        |       |       |       |       |       |        | 93.2   | 84.6   | 100.0  |
| -30       | 86.5   | 95.4   | 98.7   |        |       |       |       |       |       |        | 99.0   | 91.5   | 100.0  |
| -35       | 91.1   | 97.8   | 100.0  |        |       |       |       |       |       |        | 100.0  | 96.4   | 100.0  |
| -40       | 95.3   | 100.0  |        |        |       |       |       |       |       |        |        | 98.9   | 100.0  |
| -45       | 98.1   |        |        |        |       |       |       |       |       |        |        | 99.4   | 100.0  |
| -50       | 99.0   |        |        |        |       |       |       |       |       |        |        | 100.0  | 100.0  |
| -55       | 99.8   |        |        |        |       |       |       |       |       |        |        |        | 100.0  |
| -60       | 100.0  |        |        |        |       |       |       |       |       |        |        |        | 100.0  |
| MEAN      | -5.0   | -3.6   | 5.1    | 21.3   | 43.2  | 55.5  | 57.9  | 53.4  | 42.9  | 21.1   | 4.9    | -4.5   | 24.1   |
| S.D.      | 17.233 | 16.836 | 15.120 | 11.187 | 8.528 | 6.686 | 6.169 | 6.417 | 7.796 | 10.914 | 13.331 | 17.062 | 26.472 |
| TOTAL OBS | 497    | 412    | 459    | 469    | 500   | 479   | 527   | 526   | 494   | 544    | 504    | 531    | 5914   |



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USAF ETAC FORM 0-88-5 (OLA)



GENERAL CLIMATOLOGY BRANCH  
AFETAC  
WEATHER SERVICE/MAC

# EXTREME VALUES

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

7 1730 INDIAN MOUNTAIN AFS AK  
STATION STATION NAME

13-12

YEARS

WHOLE DEGREES FAHRENHEIT

| MONTH     | JAN    | FEB    | MAR   | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT   | NOV   | DEC   | ALL MONTHS |
|-----------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|
| YEAR      |        |        |       |       |       |       |       |       |       |       |       |       |            |
| 53        |        |        |       |       |       |       |       | 32    | 15    | -1    | -33   | -21   |            |
| 54        | -34    | -40    | -45   | -24*  | 14    |       |       |       |       | 1     | -27   | -21   |            |
| 55        | -42*   | -30*   | 22    | -1*   | -2*   | 40*   | 30*   | 36    |       | -14*  | -12*  | -40   |            |
| 56        | -23    | -33    | -43   | -13   | 16    | 37    | 35*   | 33*   | 17*   | 4     |       |       |            |
| 57        |        |        |       |       | 15    | 15    | 33    | 34*   | 35*   | 26*   | 20    |       |            |
| 58        |        |        |       |       |       |       |       |       |       |       |       |       |            |
| 59        | -44*   | 19*    | -26   |       |       | 23    | 33*   | 41*   | 26*   | 37*   | -2*   | -43   |            |
| 60        | -31    |        |       |       | -7    | 19    | 32    | 41    | 34    | 10    | -25   | -31   |            |
| 61        | -57    | -43    | -44   | -7    | 13    | 30    | 39    | 32    | 21    | -5    | -35   | -34   | -57        |
| 62        | -65    | -40    | -30   | -17   | 22    | 32    | 44    | 30    | 12    | -17   | -17   | -36   | -65        |
| 63        | -47    | -32    | -27   | 2     | 24    | 33    | 37    | 34    |       | -6    | -33   | -24   | -47        |
| 64        | -43*   | -48    | -36   |       | 15*   | 30*   | 33    | 23*   | 24*   | 2     | -36   | -49   | -49        |
| 65        | -31    | -28    | -32   | -14*  | 14    | 35    | 35    | 30    | 13    | -25*  | -28*  | -44   | -51        |
| 66        | -34    | -46    | -24   | -3    | 20    | 33    | 31    | 38    | 20    | -7    | -12   | -32   | -46        |
| 67        | -1     | -22    | -39   | -19   | 24    | 38    | 42    | 30    | 24    | -15   | -26   | -35   | -39        |
| 68        | -1     | -43    | -15   |       | 30    | 34    | 30*   | 32    | 18    | -4    | -13   | -33   | -43        |
| 69        | -27    | -40    | -16   | -10   | 31    | 33    | 39    | 35    | 12    | 9     | -7    | -42   | -42        |
| 70        | -3     | -22    | -23   | -1    | 29    | 32    | 36    | 27    | 17    | 2     | -8    | -43   | -43        |
| 71        | -13    | -31    |       | -1    | 27    | 33    | 35    | 30    | 21    | 0     | -17   | -21   | -31        |
| 72        | -30    | -38    | -18   | -20   | 3     | 32    | 40    | 33    | 20    | -24   | -28   | -34   | -34        |
| 73        |        |        |       |       |       |       |       |       |       |       |       |       |            |
| 74        |        |        |       |       |       |       |       |       |       |       |       |       |            |
| 75        |        |        |       |       |       |       |       |       |       |       |       |       |            |
| 76        |        |        |       |       |       |       |       |       |       |       |       |       |            |
| 77        |        |        |       |       |       |       |       |       |       |       |       |       |            |
| 78        |        |        |       |       |       |       |       |       |       |       |       |       |            |
| 79        |        |        |       |       |       |       |       |       |       |       |       |       |            |
| 80        |        |        |       |       |       |       |       |       |       |       |       |       |            |
| MEAN      | -37.7  | -35.6  | -27.9 | -3.9  | 21.5  | 33.9  | 37.6  | 32.3  | 17.1  | -7.9  | -23.3 | -36.7 | -46.0      |
| SD        | 1.6477 | 7.9011 | 2.988 | 8.595 | 6.039 | 2.187 | 3.524 | 4.250 | 6.395 | 5.354 | 1.033 | 9.332 | 11.518     |
| TOTAL OBS | 43     | 412    | 469   | 469   | 500   | 479   | 507   | 526   | 484   | 544   | 504   | 571   | 5914       |

NOTES: (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)



## YEARS

| STATION | STATION NAME           |
|---------|------------------------|
| 175     | INDIAN W. STAIN ST. AN |

72-2-1

MONTH

HOURS L S T

[illegible]

USAFETAC FORM 0-26.5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 84







MONTH

HOURS S. T.

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | .1  |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 1        | 1        |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | .2  |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 2        | 2        |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | .3  |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 3        | 3        |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | .4  |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 4        | 4        |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | .5  |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 5        | 5        |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | .6  |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 6        | 6        |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | .7  |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 7        | 7        |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | .8  |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 8        | 8        |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | .9  |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 9        | 9        |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 1.0 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 10       | 10       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 1.1 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 11       | 11       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 1.2 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 12       | 12       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 1.3 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 13       | 13       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 1.4 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 14       | 14       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 1.5 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 15       | 15       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 1.6 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 16       | 16       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 1.7 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 17       | 17       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 1.8 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 18       | 18       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 1.9 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 19       | 19       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 2.0 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 20       | 20       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 2.1 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 21       | 21       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 2.2 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 22       | 22       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 2.3 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 23       | 23       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 2.4 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 24       | 24       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 2.5 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 25       | 25       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 2.6 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 26       | 26       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 2.7 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 27       | 27       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 2.8 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 28       | 28       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 2.9 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 29       | 29       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 3.0 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 30       | 30       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 3.1 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 31       | 31       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 3.2 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 32       | 32       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 3.3 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 33       | 33       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 3.4 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 34       | 34       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 3.5 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 35       | 35       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 3.6 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 36       | 36       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 3.7 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 37       | 37       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 3.8 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 38       | 38       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 3.9 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 39       | 39       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 4.0 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 40       | 40       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 4.1 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 41       | 41       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 4.2 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 42       | 42       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 4.3 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 43       | 43       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 4.4 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 44       | 44       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 4.5 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 45       | 45       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 4.6 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 46       | 46       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 4.7 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 47       | 47       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 4.8 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 48       | 48       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 4.9 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 49       | 49       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 5.0 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 50       | 50       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 5.1 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 51       | 51       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 5.2 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 52       | 52       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 5.3 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 53       | 53       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 5.4 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 54       | 54       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 5.5 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 55       | 55       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 5.6 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 56       | 56       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 5.7 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 57       | 57       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 5.8 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 58       | 58       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 5.9 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 59       | 59       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 6.0 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 60       | 60       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 6.1 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 61       | 61       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 6.2 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 62       | 62       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 6.3 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 63       | 63       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 6.4 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 64       | 64       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 6.5 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 65       | 65       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 6.6 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 66       | 66       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 6.7 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 67       | 67       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 6.8 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 68       | 68       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 6.9 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 69       | 69       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 7.0 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 70       | 70       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 7.1 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 71       | 71       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 7.2 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 72       | 72       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 7.3 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 73       | 73       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 7.4 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 74       | 74       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 7.5 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 75       | 75       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 7.6 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 76       | 76       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 7.7 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 77       | 77       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 7.8 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 78       | 78       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 7.9 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           | 79       | 79       |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| / 7          |                                     |     | 8.0 |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |



1. LIAISON CLIMATE/CLIMATE STATION  
 2. LIAISON  
 3. LIAISON SERVICE/CLIMATE

## PSYCHROMETRIC SUMMARY

| STATION | STATION NAME             |
|---------|--------------------------|
| 170     | 0 T A S V M A T A A F 30 |

7-3-32

YEARS

**MONTH**

HOURS L. S. T.

| Temp.<br>(F) | WET BULB TEMPERATURE DEPRESSION (F) |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  | TOTAL |  | TOTAL |  |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
|              | 0                                   | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| /-3          | • 0                                 |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 1         | 1        | 1        | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| /-2          | • 1                                 |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 1         | 1        | 1        | 1         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| /-1          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| /-0          |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| /-0.1        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| /-0.2        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| /-0.3        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| /-0.4        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| /-0.5        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| /-0.6        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| /-0.7        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| /-0.8        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| /-0.9        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| /-1.0        |                                     |     |     |     |     |      |       |       |       |       |       |       |       |       |       |       |      |           |          |          |           |  |  |  |  |  |  |  |  |  |  |       |  |       |  |
| 1-1          | 1.443                               | 7   | 2   |     |     |      |       |       |       |       |       |       |       |       |       |       |      | 7         | 7        | 7        | 7         |  |  |  |  |  |  |  |  |  |  |       |  |       |  |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $s_x$ | No. Obs. | Mean No. of Hours with Temperature |        |        |        |        |        | Total |
|-------------|-------------|------------|-----------|-------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
|             |             |            |           |       |          | ± 0 F                              | ± 32 F | ± 67 F | ± 73 F | ± 80 F | ± 93 F |       |
| Ref. Hum.   | 41.2        | 67.1       | 72.5      | 1.15  | 726      |                                    |        |        |        |        |        |       |
| Dry Bulb    | 33.0        | 63.0       | 71.9      | 1.15  | 301      |                                    |        |        |        |        |        |       |
| Wet Bulb    | 23.7        | 15.4       | 72.5      | 1.15  | 726      |                                    |        |        |        |        |        |       |
| Dew Point   | 24.0        | 17.7       | 72.5      | 1.15  | 726      |                                    |        |        |        |        |        |       |



## YEARS

|         |              |
|---------|--------------|
| 107     | 107          |
| STATION | STATION NAME |

77-2

MONTH

MOURES 11 5 11

USAFETAC FORM 0.26-5 (OLA) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



## PSYCHROMETRIC SUMMARY

ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED  
DATE 03-27-2001 BY 60322

| STATION | STATION NAME |
|---------|--------------|
| 1       | 1            |
| 2       | 2            |
| 3       | 3            |
| 4       | 4            |
| 5       | 5            |
| 6       | 6            |
| 7       | 7            |
| 8       | 8            |
| 9       | 9            |
| 10      | 10           |
| 11      | 11           |
| 12      | 12           |
| 13      | 13           |
| 14      | 14           |
| 15      | 15           |
| 16      | 16           |
| 17      | 17           |
| 18      | 18           |
| 19      | 19           |
| 20      | 20           |
| 21      | 21           |
| 22      | 22           |
| 23      | 23           |
| 24      | 24           |
| 25      | 25           |
| 26      | 26           |
| 27      | 27           |
| 28      | 28           |
| 29      | 29           |
| 30      | 30           |
| 31      | 31           |
| 32      | 32           |
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| 34      | 34           |
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| 75      | 75           |
| 76      | 76           |
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| 80      | 80           |
| 81      | 81           |
| 82      | 82           |
| 83      | 83           |
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| 85      | 85           |
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| 87      | 87           |
| 88      | 88           |
| 89      | 89           |
| 90      | 90           |
| 91      | 91           |
| 92      | 92           |
| 93      | 93           |
| 94      | 94           |
| 95      | 95           |
| 96      | 96           |
| 97      | 97           |
| 98      | 98           |
| 99      | 99           |
| 100     | 100          |

2

YEARS

MONTH

HOURS 11, 5, 7.

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ALL INFORMATION CONTAINED  
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DATE 05-21-2011 BY 60321

## PSYCHROMETRIC SUMMARY

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_  
HOURS \_\_\_\_\_

[illegible]



## PSYCHROMETRIC SUMMARY

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## PSYCHROMETRIC SUMMARY

MONTH

HOURS: 8

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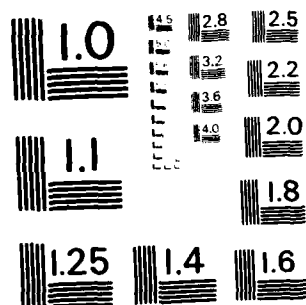
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MICROCOPY RESOLUTION TEST CHART  
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## PSYCHROMETRIC SUMMARY

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STATION NAME

YEARS

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## PSYCHROMETRIC SUMMARY

YEARS

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## PSYCHROMETRIC SUMMARY

5. *Journal of the American Medical Association*, 1991; 266: 1033-1036.

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YEARS

1997

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[illegible]



## PSYCHROMETRIC SUMMARY

978 0 19 920728 2

5 \* A \* ON NAME

YEARS

449

NO. 125 5 5

[illegible]



## PSYCHROMETRIC SUMMARY

5. **Conclusions**

STATION NAME

YEARS

1997

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[illegible]



STATION NAME

YEARS

29

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**USAFETAC**      **KOBAM**      **0 26 5 (C - A)**      **81-072 982-003 1000000**      **1 1000 000 000 000**

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## 504 24

STATION NAME

YEARS

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## PSYCHROMETRIC SUMMARY

| STATION NAME | YEARS | HOURS |
|--------------|-------|-------|
|              |       | 5     |

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## PSYCHROMETRIC SUMMARY

• • •

STAT-3N NAME

YEARS

4: 47-48

1970

[illegible]



## PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

DATE

HOURS

| Temp<br>F | WET BULB TEMPERATURE DEPRESSION (F) |              |            |           |            |          |                                    |      |      |      |      |      |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | TOTAL |             | TOTAL    |          |           |  |
|-----------|-------------------------------------|--------------|------------|-----------|------------|----------|------------------------------------|------|------|------|------|------|-------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-------------|----------|----------|-----------|--|
|           | 0                                   | 1            | 2          | 3         | 4          | 5        | 6                                  | 7    | 8    | 9    | 10   | 11   | 12    | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31    | D.B. - W.B. | Dry Bulb | Wet Bulb | Dew Point |  |
| 70        |                                     |              |            |           |            |          |                                    |      |      |      |      |      |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |
| 71        |                                     |              |            |           |            |          |                                    |      |      |      |      |      |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |
| 72        |                                     |              |            |           |            |          |                                    |      |      |      |      |      |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |
| 73        |                                     |              |            |           |            |          |                                    |      |      |      |      |      |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |
| 74        |                                     |              |            |           |            |          |                                    |      |      |      |      |      |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |
| 75        |                                     |              |            |           |            |          |                                    |      |      |      |      |      |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |
| 76        |                                     |              |            |           |            |          |                                    |      |      |      |      |      |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |
| 77        |                                     |              |            |           |            |          |                                    |      |      |      |      |      |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |
| 78        |                                     |              |            |           |            |          |                                    |      |      |      |      |      |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |
| 79        |                                     |              |            |           |            |          |                                    |      |      |      |      |      |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |
| 80        |                                     |              |            |           |            |          |                                    |      |      |      |      |      |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |
| 81        |                                     |              |            |           |            |          |                                    |      |      |      |      |      |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |
| 82        |                                     |              |            |           |            |          |                                    |      |      |      |      |      |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |
| 83        |                                     |              |            |           |            |          |                                    |      |      |      |      |      |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |
| 84        |                                     |              |            |           |            |          |                                    |      |      |      |      |      |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |
| 85        |                                     |              |            |           |            |          |                                    |      |      |      |      |      |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |
| 86        |                                     |              |            |           |            |          |                                    |      |      |      |      |      |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |
| 87        |                                     |              |            |           |            |          |                                    |      |      |      |      |      |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |
| 88        |                                     |              |            |           |            |          |                                    |      |      |      |      |      |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |
| 89        |                                     |              |            |           |            |          |                                    |      |      |      |      |      |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |
| 90        |                                     |              |            |           |            |          |                                    |      |      |      |      |      |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |
| 91        |                                     |              |            |           |            |          |                                    |      |      |      |      |      |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |
| 92        |                                     |              |            |           |            |          |                                    |      |      |      |      |      |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |
| 93        |                                     |              |            |           |            |          |                                    |      |      |      |      |      |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |
| 94        |                                     |              |            |           |            |          |                                    |      |      |      |      |      |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |
| 95        |                                     |              |            |           |            |          |                                    |      |      |      |      |      |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |
| 96        |                                     |              |            |           |            |          |                                    |      |      |      |      |      |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |
| 97        |                                     |              |            |           |            |          |                                    |      |      |      |      |      |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |
| 98        |                                     |              |            |           |            |          |                                    |      |      |      |      |      |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |
| 99        |                                     |              |            |           |            |          |                                    |      |      |      |      |      |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |
| 100       |                                     |              |            |           |            |          |                                    |      |      |      |      |      |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |
| Element   | X                                   | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma^2$ | No. Obs. | Mean No. of Hours with Temperature |      |      |      |      |      |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |
| Rel. Hum. |                                     |              | 4          | 1         |            |          | 0 F                                | 32 F | 67 F | 73 F | 80 F | 93 F | Total |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |
| Dry Bulb  |                                     |              |            |           |            |          |                                    |      |      |      |      |      |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |
| Wet Bulb  |                                     |              |            |           |            |          |                                    |      |      |      |      |      |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |
| Dew Point |                                     |              |            |           |            |          |                                    |      |      |      |      |      |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |



## PSYCHROMETRIC SUMMARY

5. **Answer:**  $\frac{1}{2}$

STATION NAME

YEARS

2010

HQ 89-000

[illegible]







## PSYCHROMETRIC SUMMARY

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

STATION NAME

YEARS

453

40.00

[illegible]



## PSYCHROMETRIC SUMMARY

YEARS

25

$$H_2O_2 + 2H^+ + 2e^- \rightarrow 2H_2O$$

| Temp.<br>F. | WET BULB TEMPERATURE DEPRESSION (F.) |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | TOTAL |           | TOTAL    |          |           |
|-------------|--------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|
|             | 0                                    | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31    | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
|             |                                      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |
|             |                                      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |
|             |                                      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |
|             |                                      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |
|             |                                      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |
|             |                                      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |
|             |                                      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |
|             |                                      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |
|             |                                      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |
|             |                                      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |
|             |                                      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |
|             |                                      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |
|             |                                      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |
|             |                                      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |
|             |                                      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |
|             |                                      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |
|             |                                      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |
|             |                                      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |
|             |                                      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |
|             |                                      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |
|             |                                      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |
|             |                                      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |
|             |                                      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |
|             |                                      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |
|             |                                      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |
|             |                                      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |
|             |                                      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |
|             |                                      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |
|             |                                      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |
|             |                                      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |
|             |                                      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |
|             |                                      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |
|             |                                      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |
|             |                                      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |
|             |                                      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |
|             |                                      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |
|             |                                      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |
|             |                                      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |
|             |                                      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |
|             |                                      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |
|             |                                      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |
|             |                                      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |
|             |                                      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |
|             |                                      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |
|             |                                      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |
|             |                                      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |
|             |                                      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |



## PSYCHROMETRIC SUMMARY

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

STATION NAME

YEARS

2000

•

[illegible]







## YEARS

[illegible]



## PSYCHROMETRIC SUMMARY

STATION \_\_\_\_\_ STATION NAME \_\_\_\_\_ YEARS \_\_\_\_\_ MONTH \_\_\_\_\_  
 HOURS \_\_\_\_\_

| Temp<br>F | WET BULB TEMPERATURE DEPRESSION (F) |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | TOTAL |           | TOTAL    |          |           |  |
|-----------|-------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|--|
|           | 0                                   | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31    | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |  |
| 1         |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |  |
| 2         |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |  |
| 3         |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |  |
| 4         |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |  |
| 5         |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |  |
| 6         |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |  |
| 7         |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |  |
| 8         |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |  |
| 9         |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |  |
| 10        |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |  |
| 11        |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |  |
| 12        |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |  |
| 13        |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |  |
| 14        |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |  |
| 15        |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |  |
| 16        |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |  |
| 17        |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |  |
| 18        |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |  |
| 19        |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |  |
| 20        |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |  |
| 21        |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |  |
| 22        |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |  |
| 23        |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |  |
| 24        |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |  |
| 25        |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |  |
| 26        |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |  |
| 27        |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |  |
| 28        |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |  |
| 29        |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |  |
| 30        |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |  |
| 31        |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |  |
| TOTAL     |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |  |
| D.B. W.B. |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |  |
| Dry Bulb  |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |  |
| Wet Bulb  |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |  |
| Dew Point |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |           |  |

| Element   | X | Σ X | Σ X <sup>2</sup> | Σ X <sup>3</sup> | No. Obs. | Mean No. of Hours with Temperature |        |        |        |        |        | Total |
|-----------|---|-----|------------------|------------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
|           |   |     |                  |                  |          | ≤ 0 F                              | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F |       |
| Rel. Hum. |   |     |                  |                  |          |                                    |        |        |        |        |        |       |
| Dry Bulb  |   |     |                  |                  |          |                                    |        |        |        |        |        |       |
| Wet Bulb  |   |     |                  |                  |          |                                    |        |        |        |        |        |       |
| Dew Point |   |     |                  |                  |          |                                    |        |        |        |        |        |       |



□ □ □ □ □

SYN NAME

YEARS

4047

42-95 1 5

[illegible]



YEARS

20

MC 95

[illegible]







## PSYCHROMETRIC SUMMARY

•

5' A' ON NAME

YEARS

442

1000

[illegible]



## PSYCHROMETRIC SUMMARY

444

STATION NAME

YEARS

2. 2.

1. 2. 3.

[illegible]



## PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | HOURS |
|---------|--------------|-------|-------|
| 1       | 1            | 1     | 1     |
| 2       | 2            | 2     | 2     |
| 3       | 3            | 3     | 3     |
| 4       | 4            | 4     | 4     |
| 5       | 5            | 5     | 5     |
| 6       | 6            | 6     | 6     |
| 7       | 7            | 7     | 7     |
| 8       | 8            | 8     | 8     |
| 9       | 9            | 9     | 9     |
| 10      | 10           | 10    | 10    |
| 11      | 11           | 11    | 11    |
| 12      | 12           | 12    | 12    |
| 13      | 13           | 13    | 13    |
| 14      | 14           | 14    | 14    |
| 15      | 15           | 15    | 15    |
| 16      | 16           | 16    | 16    |
| 17      | 17           | 17    | 17    |
| 18      | 18           | 18    | 18    |
| 19      | 19           | 19    | 19    |
| 20      | 20           | 20    | 20    |
| 21      | 21           | 21    | 21    |
| 22      | 22           | 22    | 22    |
| 23      | 23           | 23    | 23    |
| 24      | 24           | 24    | 24    |
| 25      | 25           | 25    | 25    |
| 26      | 26           | 26    | 26    |
| 27      | 27           | 27    | 27    |
| 28      | 28           | 28    | 28    |
| 29      | 29           | 29    | 29    |
| 30      | 30           | 30    | 30    |
| 31      | 31           | 31    | 31    |
| 32      | 32           | 32    | 32    |
| 33      | 33           | 33    | 33    |
| 34      | 34           | 34    | 34    |
| 35      | 35           | 35    | 35    |
| 36      | 36           | 36    | 36    |
| 37      | 37           | 37    | 37    |
| 38      | 38           | 38    | 38    |
| 39      | 39           | 39    | 39    |
| 40      | 40           | 40    | 40    |
| 41      | 41           | 41    | 41    |
| 42      | 42           | 42    | 42    |
| 43      | 43           | 43    | 43    |
| 44      | 44           | 44    | 44    |
| 45      | 45           | 45    | 45    |
| 46      | 46           | 46    | 46    |
| 47      | 47           | 47    | 47    |
| 48      | 48           | 48    | 48    |
| 49      | 49           | 49    | 49    |
| 50      | 50           | 50    | 50    |
| 51      | 51           | 51    | 51    |
| 52      | 52           | 52    | 52    |
| 53      | 53           | 53    | 53    |
| 54      | 54           | 54    | 54    |
| 55      | 55           | 55    | 55    |
| 56      | 56           | 56    | 56    |
| 57      | 57           | 57    | 57    |
| 58      | 58           | 58    | 58    |
| 59      | 59           | 59    | 59    |
| 60      | 60           | 60    | 60    |
| 61      | 61           | 61    | 61    |
| 62      | 62           | 62    | 62    |
| 63      | 63           | 63    | 63    |
| 64      | 64           | 64    | 64    |
| 65      | 65           | 65    | 65    |
| 66      | 66           | 66    | 66    |
| 67      | 67           | 67    | 67    |
| 68      | 68           | 68    | 68    |
| 69      | 69           | 69    | 69    |
| 70      | 70           | 70    | 70    |
| 71      | 71           | 71    | 71    |
| 72      | 72           | 72    | 72    |
| 73      | 73           | 73    | 73    |
| 74      | 74           | 74    | 74    |
| 75      | 75           | 75    | 75    |
| 76      | 76           | 76    | 76    |
| 77      | 77           | 77    | 77    |
| 78      | 78           | 78    | 78    |
| 79      | 79           | 79    | 79    |
| 80      | 80           | 80    | 80    |
| 81      | 81           | 81    | 81    |
| 82      | 82           | 82    | 82    |
| 83      | 83           | 83    | 83    |
| 84      | 84           | 84    | 84    |
| 85      | 85           | 85    | 85    |
| 86      | 86           | 86    | 86    |
| 87      | 87           | 87    | 87    |
| 88      | 88           | 88    | 88    |
| 89      | 89           | 89    | 89    |
| 90      | 90           | 90    | 90    |
| 91      | 91           | 91    | 91    |
| 92      | 92           | 92    | 92    |
| 93      | 93           | 93    | 93    |
| 94      | 94           | 94    | 94    |
| 95      | 95           | 95    | 95    |
| 96      | 96           | 96    | 96    |
| 97      | 97           | 97    | 97    |
| 98      | 98           | 98    | 98    |
| 99      | 99           | 99    | 99    |
| 100     | 100          | 100   | 100   |

[illegible]



45

U.S. AFETAC  
KJH:MA  
NJA 04

C 265 10- A  
ST. LOUIS, MO. 63102



## YEARS

[illegible]



2000

0265 COLA  
K 264  
JUL 64



USAFETAC 0265 JUL 64







$$M^{\circ}, N^{\circ} =$$

S A ON NAME

200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

[illegible]



## PSYCHROMETRIC SUMMARY

434

STATION NAME

YEARS

5:45

42 62 7 4 2

[illegible]



## PSYCHROMETRIC SUMMARY

44

$\frac{1}{\sqrt{2}} \begin{pmatrix} 1 & -i \\ 0 & 1 \end{pmatrix}$

[illegible]



4. 2. 1.

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

<sup>68</sup>JSAFETAL 0265 ECL A: PLNM JUL 64







## YEARS

[illegible]



## PSYCHROMETRIC SUMMARY

| NAME | STAN | STAN NAME |
|------|------|-----------|
| ...  | ...  | ...       |

YEARS

44

**1086**

| Temp.<br>F | WET BULB TEMPERATURE DEPRESSION (F) |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      | TOTAL     |          | TOTAL    |           |  |
|------------|-------------------------------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|-----------|----------|----------|-----------|--|
|            | 1                                   | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | * 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |  |
| 100        |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 99         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 98         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 97         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 96         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 95         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 94         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 93         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 92         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 91         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 90         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 89         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 88         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 87         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 86         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 85         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 84         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 83         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 82         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 81         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 80         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 79         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 78         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 77         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 76         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 75         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 74         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 73         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 72         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 71         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 70         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 69         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 68         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 67         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 66         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 65         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 64         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 63         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 62         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 61         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 60         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 59         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 58         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 57         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 56         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 55         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 54         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 53         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 52         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 51         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 50         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 49         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 48         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 47         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 46         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 45         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 44         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 43         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 42         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 41         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 40         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 39         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 38         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 37         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 36         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 35         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 34         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 33         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 32         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |
| 31         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |           |          |          |           |  |



**ACKNOWLEDGMENTS**

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| STATE | STAT ON NAME       | YEARS | MONTH |
|-------|--------------------|-------|-------|
| AL    | ALABAMA            | 1960  | 1     |
| AK    | ALASKA             | 1960  | 1     |
| AR    | ARKANSAS           | 1960  | 1     |
| CA    | CALIFORNIA         | 1960  | 1     |
| CO    | COLORADO           | 1960  | 1     |
| CT    | CONNECTICUT        | 1960  | 1     |
| DE    | DELAWARE           | 1960  | 1     |
| FL    | FLORIDA            | 1960  | 1     |
| GA    | GEORGIA            | 1960  | 1     |
| HI    | HAWAII             | 1960  | 1     |
| ID    | IDAHOW             | 1960  | 1     |
| IL    | ILLINOIS           | 1960  | 1     |
| IN    | INDIANA            | 1960  | 1     |
| IA    | IOWA               | 1960  | 1     |
| KS    | KANSAS             | 1960  | 1     |
| KY    | KENTUCKY           | 1960  | 1     |
| LA    | LOUISIANA          | 1960  | 1     |
| MA    | MASSACHUSETTS      | 1960  | 1     |
| MD    | MARYLAND           | 1960  | 1     |
| ME    | MAINE              | 1960  | 1     |
| MI    | MICHIGAN           | 1960  | 1     |
| MN    | MINNESOTA          | 1960  | 1     |
| MO    | MISSOURI           | 1960  | 1     |
| MS    | MISSISSIPPI        | 1960  | 1     |
| MT    | MONTANA            | 1960  | 1     |
| NE    | NEBRASKA           | 1960  | 1     |
| NH    | NEW HAMPSHIRE      | 1960  | 1     |
| NJ    | NEW JERSEY         | 1960  | 1     |
| NM    | NEW MEXICO         | 1960  | 1     |
| NY    | NEW YORK           | 1960  | 1     |
| NC    | NORTH CAROLINA     | 1960  | 1     |
| ND    | NORTH DAKOTA       | 1960  | 1     |
| OH    | OHIO               | 1960  | 1     |
| OK    | OKLAHOMA           | 1960  | 1     |
| OR    | OREGON             | 1960  | 1     |
| PA    | PENNSYLVANIA       | 1960  | 1     |
| RI    | RHODE ISLAND       | 1960  | 1     |
| SC    | SOUTH CAROLINA     | 1960  | 1     |
| SD    | SOUTH DAKOTA       | 1960  | 1     |
| SE    | SOUTH EST          | 1960  | 1     |
| SH    | SOUTH HAWAII       | 1960  | 1     |
| SI    | SOUTH ISLAND       | 1960  | 1     |
| SK    | SOUTH KANSAS       | 1960  | 1     |
| SL    | SOUTH LUTHER       | 1960  | 1     |
| SM    | SOUTH MICHIGAN     | 1960  | 1     |
| SN    | SOUTH NORTHERN     | 1960  | 1     |
| SO    | SOUTH OREGON       | 1960  | 1     |
| SP    | SOUTH PENNSYLVANIA | 1960  | 1     |
| ST    | SOUTH TEXAS        | 1960  | 1     |
| SW    | SOUTH WEST         | 1960  | 1     |
| SY    | SOUTH YOUTH        | 1960  | 1     |
| TA    | TAKOMA             | 1960  | 1     |
| TE    | TEXAS              | 1960  | 1     |
| TH    | THOMAS             | 1960  | 1     |
| TI    | THOMAS ISLAND      | 1960  | 1     |
| TO    | THOMAS OREGON      | 1960  | 1     |
| TR    | THOMAS RIVER       | 1960  | 1     |
| TS    | THOMAS STATE       | 1960  | 1     |
| TU    | THOMAS TOWN        | 1960  | 1     |
| TV    | THOMAS VILLAGE     | 1960  | 1     |
| TX    | TEXAS              | 1960  | 1     |
| TY    | THOMAS YOUTH       | 1960  | 1     |
| UN    | UNION              | 1960  | 1     |
| UT    | UTAH               | 1960  | 1     |
| VA    | VIRGINIA           | 1960  | 1     |
| VT    | VERMONT            | 1960  | 1     |
| WA    | WASHINGTON         | 1960  | 1     |
| WI    | WISCONSIN          | 1960  | 1     |
| WV    | WEST VIRGINIA      | 1960  | 1     |
| WY    | WYOMING            | 1960  | 1     |

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YEARS

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## PSYCHROMETRIC SUMMARY

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## PSYCHROMETRIC SUMMARY

STATE OF NAME

YEARS

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| Temp.<br>F. | WET BULB TEMPERATURE DEPRESSION (F.) |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | TOTAL     |          | TOTAL    |           |  |
|-------------|--------------------------------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----------|----------|----------|-----------|--|
|             | 1                                    | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |  |
| 1           |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 2           |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 3           |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 4           |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 5           |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 6           |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 7           |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 8           |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 9           |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 10          |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 11          |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 12          |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 13          |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 14          |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 15          |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 16          |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 17          |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 18          |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 19          |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 20          |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 21          |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 22          |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 23          |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 24          |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 25          |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |

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## YEARS

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## PSYCHROMETRIC SUMMARY

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## PSYCHROMETRIC SUMMARY

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## PSYCHROMETRIC SUMMARY

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| Temp.<br>F | WET BULB TEMPERATURE DEPRESSION (F) |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | TOTAL     |          | TOTAL    |           |  |
|------------|-------------------------------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----------|----------|----------|-----------|--|
|            | 1                                   | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |  |
| 1          |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 2          |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 3          |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 4          |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 5          |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 6          |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 7          |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 8          |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 9          |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 10         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 11         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 12         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 13         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 14         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 15         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 16         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 17         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 18         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 19         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 20         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 21         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 22         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 23         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 24         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 25         |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |



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| Temp.<br>F | WET BULB TEMPERATURE DEPRESSION (F) |   |     |   |    |   |                |   |          |    |  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |    |    |             | TOTAL    |          | TOTAL     |  |
|------------|-------------------------------------|---|-----|---|----|---|----------------|---|----------|----|--|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|----|----|-------------|----------|----------|-----------|--|
|            | 1                                   | 2 | 3   | 4 | 5  | 6 | 7              | 8 | 9        | 10 | 11   | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29    | 30 | 31 | D.B. - W.B. | Dry Bulb | Wet Bulb | Dew Point |  |
| 70         |                                     |   |     |   |    |   |                |   |          |    |  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |    |    |             |          |          |           |  |
| 71         |                                     |   |     |   |    |   |                |   |          |    |  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |    |    |             |          |          |           |  |
| 72         |                                     |   |     |   |    |   |                |   |          |    |  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |    |    |             |          |          |           |  |
| 73         |                                     |   |     |   |    |   |                |   |          |    |  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |    |    |             |          |          |           |  |
| 74         |                                     |   |     |   |    |   |                |   |          |    |  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |    |    |             |          |          |           |  |
| 75         |                                     |   |     |   |    |   |                |   |          |    |  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |    |    |             |          |          |           |  |
| 76         |                                     |   |     |   |    |   |                |   |          |    |  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |    |    |             |          |          |           |  |
| 77         |                                     |   |     |   |    |   |                |   |          |    |  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |    |    |             |          |          |           |  |
| 78         |                                     |   |     |   |    |   |                |   |          |    |  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |    |    |             |          |          |           |  |
| 79         |                                     |   |     |   |    |   |                |   |          |    |  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |    |    |             |          |          |           |  |
| 80         |                                     |   |     |   |    |   |                |   |          |    |  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |    |    |             |          |          |           |  |
| 81         |                                     |   |     |   |    |   |                |   |          |    |  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |    |    |             |          |          |           |  |
| 82         |                                     |   |     |   |    |   |                |   |          |    |  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |    |    |             |          |          |           |  |
| 83         |                                     |   |     |   |    |   |                |   |          |    |  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |    |    |             |          |          |           |  |
| 84         |                                     |   |     |   |    |   |                |   |          |    |  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |    |    |             |          |          |           |  |
| 85         |                                     |   |     |   |    |   |                |   |          |    |  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |    |    |             |          |          |           |  |
| 86         |                                     |   |     |   |    |   |                |   |          |    |  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |    |    |             |          |          |           |  |
| 87         |                                     |   |     |   |    |   |                |   |          |    |  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |    |    |             |          |          |           |  |
| 88         |                                     |   |     |   |    |   |                |   |          |    |  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |    |    |             |          |          |           |  |
| 89         |                                     |   |     |   |    |   |                |   |          |    |  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |    |    |             |          |          |           |  |
| 90         |                                     |   |     |   |    |   |                |   |          |    |  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |    |    |             |          |          |           |  |
| 91         |                                     |   |     |   |    |   |                |   |          |    |  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |    |    |             |          |          |           |  |
| 92         |                                     |   |     |   |    |   |                |   |          |    |  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |    |    |             |          |          |           |  |
| 93         |                                     |   |     |   |    |   |                |   |          |    |  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |    |    |             |          |          |           |  |
| 94         |                                     |   |     |   |    |   |                |   |          |    |  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |    |    |             |          |          |           |  |
| 95         |                                     |   |     |   |    |   |                |   |          |    |  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |    |    |             |          |          |           |  |
| 96         |                                     |   |     |   |    |   |                |   |          |    |  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |    |    |             |          |          |           |  |
| 97         |                                     |   |     |   |    |   |                |   |          |    |  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |    |    |             |          |          |           |  |
| 98         |                                     |   |     |   |    |   |                |   |          |    |  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |    |    |             |          |          |           |  |
| 99         |                                     |   |     |   |    |   |                |   |          |    |  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |    |    |             |          |          |           |  |
| 100        |                                     |   |     |   |    |   |                |   |          |    |  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |    |    |             |          |          |           |  |
| Element X  | Σ X'                                |   | Σ X |   | X̄ |   | s <sub>x</sub> |   | No. Obs. |    | Mean No. of Hours with Temperature                 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | Total |    |    |             |          |          |           |  |
| Rel. Hum.  |                                     |   |     |   |    |   |                |   |          |    | ≤ 0 F   ≤ 32 F   ≤ 67 F   ≤ 73 F   ≤ 80 F   ≤ 93 F |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |    |    |             |          |          |           |  |
| Dry Bulb   |                                     |   |     |   |    |   |                |   |          |    |  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |    |    |             |          |          |           |  |
| Wet Bulb   |                                     |   |     |   |    |   |                |   |          |    |  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |    |    |             |          |          |           |  |
| Dew Point  |                                     |   |     |   |    |   |                |   |          |    |  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |    |    |             |          |          |           |  |



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## PSYCHROMETRIC SUMMARY

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## PSYCHROMETRIC SUMMARY

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| Temp. |  | WET BULB TEMPERATURE DEPRESSION (F) |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | TOTAL     |          | TOTAL    |         |
|-------|--|-------------------------------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----------|----------|----------|---------|
| F     |  | 1                                   | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Pt. |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |
|       |  |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |



## YEARS

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

STAT IN NAME

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1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

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## YEARS

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**USAFETAC** FORM  
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## YEARS

[illegible]



## PSYCHROMETRIC SUMMARY

U. S. A.

NO. 15

[illegible]



| DATE | STATE ON NAME | AGE | YEARS | CLASS |
|------|---------------|-----|-------|-------|
| 1945 | JOHN          | 18  | 1     | 1     |
| 1946 | JOHN          | 19  | 2     | 2     |
| 1947 | JOHN          | 20  | 3     | 3     |
| 1948 | JOHN          | 21  | 4     | 4     |
| 1949 | JOHN          | 22  | 5     | 5     |
| 1950 | JOHN          | 23  | 6     | 6     |
| 1951 | JOHN          | 24  | 7     | 7     |
| 1952 | JOHN          | 25  | 8     | 8     |
| 1953 | JOHN          | 26  | 9     | 9     |
| 1954 | JOHN          | 27  | 10    | 10    |
| 1955 | JOHN          | 28  | 11    | 11    |
| 1956 | JOHN          | 29  | 12    | 12    |
| 1957 | JOHN          | 30  | 13    | 13    |
| 1958 | JOHN          | 31  | 14    | 14    |
| 1959 | JOHN          | 32  | 15    | 15    |
| 1960 | JOHN          | 33  | 16    | 16    |
| 1961 | JOHN          | 34  | 17    | 17    |
| 1962 | JOHN          | 35  | 18    | 18    |
| 1963 | JOHN          | 36  | 19    | 19    |
| 1964 | JOHN          | 37  | 20    | 20    |
| 1965 | JOHN          | 38  | 21    | 21    |
| 1966 | JOHN          | 39  | 22    | 22    |
| 1967 | JOHN          | 40  | 23    | 23    |
| 1968 | JOHN          | 41  | 24    | 24    |
| 1969 | JOHN          | 42  | 25    | 25    |
| 1970 | JOHN          | 43  | 26    | 26    |
| 1971 | JOHN          | 44  | 27    | 27    |
| 1972 | JOHN          | 45  | 28    | 28    |
| 1973 | JOHN          | 46  | 29    | 29    |
| 1974 | JOHN          | 47  | 30    | 30    |
| 1975 | JOHN          | 48  | 31    | 31    |
| 1976 | JOHN          | 49  | 32    | 32    |
| 1977 | JOHN          | 50  | 33    | 33    |
| 1978 | JOHN          | 51  | 34    | 34    |
| 1979 | JOHN          | 52  | 35    | 35    |
| 1980 | JOHN          | 53  | 36    | 36    |
| 1981 | JOHN          | 54  | 37    | 37    |
| 1982 | JOHN          | 55  | 38    | 38    |
| 1983 | JOHN          | 56  | 39    | 39    |
| 1984 | JOHN          | 57  | 40    | 40    |
| 1985 | JOHN          | 58  | 41    | 41    |
| 1986 | JOHN          | 59  | 42    | 42    |
| 1987 | JOHN          | 60  | 43    | 43    |
| 1988 | JOHN          | 61  | 44    | 44    |
| 1989 | JOHN          | 62  | 45    | 45    |
| 1990 | JOHN          | 63  | 46    | 46    |
| 1991 | JOHN          | 64  | 47    | 47    |
| 1992 | JOHN          | 65  | 48    | 48    |
| 1993 | JOHN          | 66  | 49    | 49    |
| 1994 | JOHN          | 67  | 50    | 50    |
| 1995 | JOHN          | 68  | 51    | 51    |
| 1996 | JOHN          | 69  | 52    | 52    |
| 1997 | JOHN          | 70  | 53    | 53    |
| 1998 | JOHN          | 71  | 54    | 54    |
| 1999 | JOHN          | 72  | 55    | 55    |
| 2000 | JOHN          | 73  | 56    | 56    |
| 2001 | JOHN          | 74  | 57    | 57    |
| 2002 | JOHN          | 75  | 58    | 58    |
| 2003 | JOHN          | 76  | 59    | 59    |
| 2004 | JOHN          | 77  | 60    | 60    |
| 2005 | JOHN          | 78  | 61    | 61    |
| 2006 | JOHN          | 79  | 62    | 62    |
| 2007 | JOHN          | 80  | 63    | 63    |
| 2008 | JOHN          | 81  | 64    | 64    |
| 2009 | JOHN          | 82  | 65    | 65    |
| 2010 | JOHN          | 83  | 66    | 66    |
| 2011 | JOHN          | 84  | 67    | 67    |
| 2012 | JOHN          | 85  | 68    | 68    |
| 2013 | JOHN          | 86  | 69    | 69    |
| 2014 | JOHN          | 87  | 70    | 70    |
| 2015 | JOHN          | 88  | 71    | 71    |
| 2016 | JOHN          | 89  | 72    | 72    |
| 2017 | JOHN          | 90  | 73    | 73    |
| 2018 | JOHN          | 91  | 74    | 74    |
| 2019 | JOHN          | 92  | 75    | 75    |
| 2020 | JOHN          | 93  | 76    | 76    |
| 2021 | JOHN          | 94  | 77    | 77    |
| 2022 | JOHN          | 95  | 78    | 78    |
| 2023 | JOHN          | 96  | 79    | 79    |
| 2024 | JOHN          | 97  | 80    | 80    |
| 2025 | JOHN          | 98  | 81    | 81    |
| 2026 | JOHN          | 99  | 82    | 82    |
| 2027 | JOHN          | 100 | 83</  |       |

USAFETAC KRM  
JUL 04 0265 (C.A.)







## PSYCHROMETRIC SUMMARY

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S \* A \* N NAME

YEARS

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1995

| Time<br>F | WET BULB TEMPERATURE DEPRESSION (F) |            |           |            |          |   |  |   |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | TOTAL     |          | TOTAL    |         |  |
|-----------|-------------------------------------|------------|-----------|------------|----------|---|--|---|-------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----------|----------|----------|---------|--|
|           | 1                                   | 2          | 3         | 4          | 5        | 6 | 7  | 8 | 9     | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dr. Bulb | Wet Bulb | Dew Pt. |  |
| 1         |                                     |            |           |            |          |   |  |   |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |  |
| 2         |                                     |            |           |            |          |   |  |   |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |  |
| 3         |                                     |            |           |            |          |   |  |   |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |  |
| 4         |                                     |            |           |            |          |   |  |   |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |  |
| 5         |                                     |            |           |            |          |   |  |   |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |  |
| 6         |                                     |            |           |            |          |   |  |   |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |  |
| 7         |                                     |            |           |            |          |   |  |   |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |  |
| 8         |                                     |            |           |            |          |   |  |   |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |  |
| 9         |                                     |            |           |            |          |   |  |   |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |  |
| 10        |                                     |            |           |            |          |   |  |   |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |  |
| 11        |                                     |            |           |            |          |   |  |   |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |  |
| 12        |                                     |            |           |            |          |   |  |   |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |  |
| 13        |                                     |            |           |            |          |   |  |   |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |  |
| 14        |                                     |            |           |            |          |   |  |   |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |  |
| 15        |                                     |            |           |            |          |   |  |   |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |  |
| 16        |                                     |            |           |            |          |   |  |   |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |  |
| 17        |                                     |            |           |            |          |   |  |   |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |  |
| 18        |                                     |            |           |            |          |   |  |   |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |  |
| 19        |                                     |            |           |            |          |   |  |   |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |  |
| 20        |                                     |            |           |            |          |   |  |   |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |  |
| 21        |                                     |            |           |            |          |   |  |   |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |  |
| 22        |                                     |            |           |            |          |   |  |   |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |  |
| 23        |                                     |            |           |            |          |   |  |   |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |  |
| 24        |                                     |            |           |            |          |   |  |   |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |  |
| 25        |                                     |            |           |            |          |   |  |   |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |  |
| 26        |                                     |            |           |            |          |   |  |   |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |  |
| 27        |                                     |            |           |            |          |   |  |   |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |  |
| 28        |                                     |            |           |            |          |   |  |   |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |  |
| 29        |                                     |            |           |            |          |   |  |   |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |  |
| 30        |                                     |            |           |            |          |   |  |   |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |  |
| 31        |                                     |            |           |            |          |   |  |   |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |  |
| Element   | $\Sigma X^2$                        | $\Sigma X$ | $\bar{X}$ | $\sigma^2$ | No. Obs. |   | Mean No. of Hours with Temperature       |   | Total |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |  |
| Re. Hum.  |                                     |            |           |            |          |   | = 0 F = 32 F = 67 F = 73 F = 80 F = 93 F |   |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |  |
| Dr. Bulb  |                                     |            |           |            |          |   |  |   |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |  |
| Wet Bulb  |                                     |            |           |            |          |   |  |   |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |  |
| Dew Point |                                     |            |           |            |          |   |  |   |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |         |  |



## 2

4: 60

USAFETAC  
ECHEM  
JUN 66  
0 26 5 (OL A)  
0 26 5 (OL A)  
0 26 5 (OL A)











## YEARS

[illegible]







## PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

429

NO. 15

[illegible]



## PSYCHROMETRIC SUMMARY

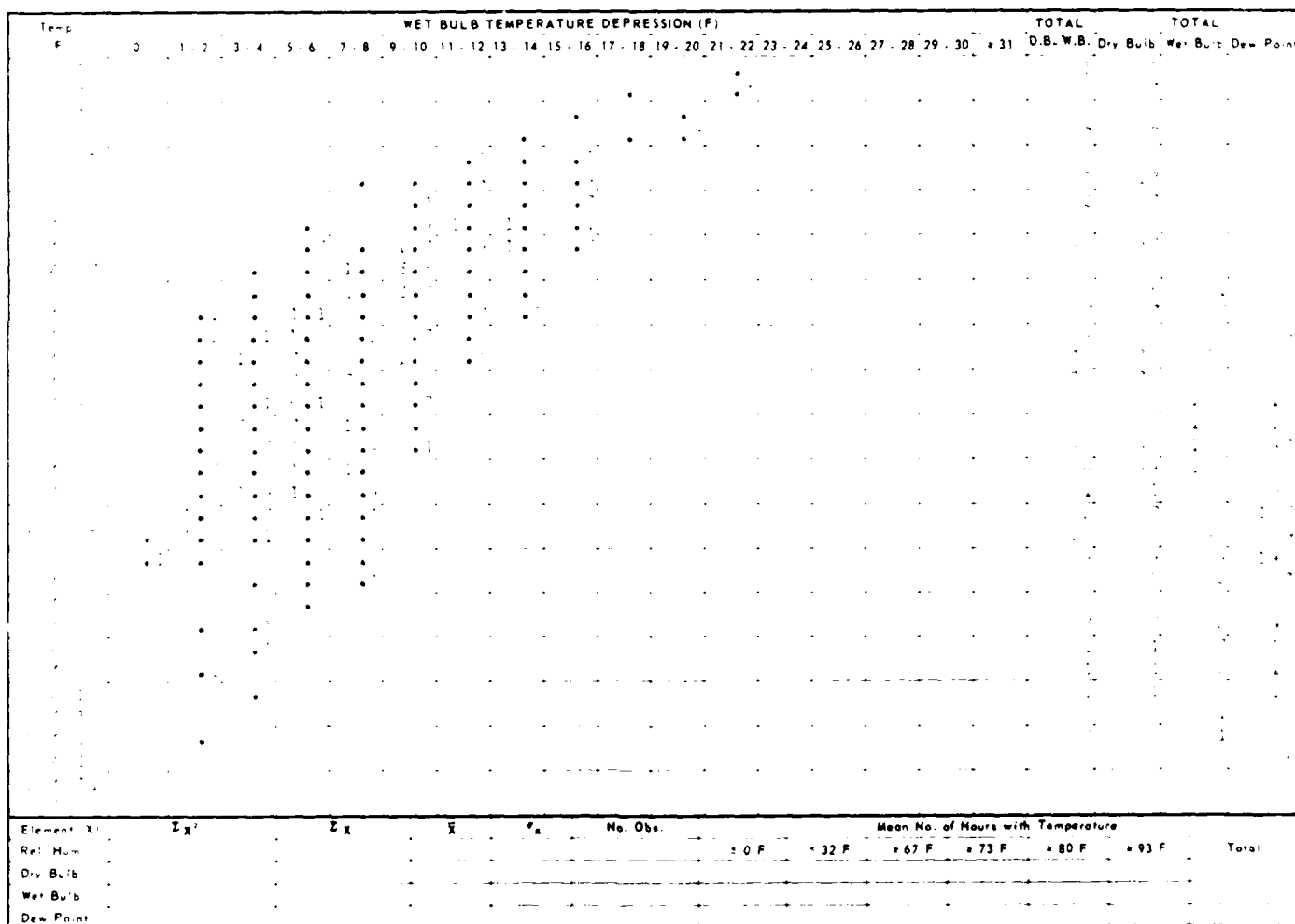
100

5 \* A \* ON NAME

YEARS

444

105





## PSYCHROMETRIC SUMMARY

100

SEARCH ON NAME

YEARS

444

NO. 85

[illegible]



## PSYCHROMETRIC SUMMARY

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

STATION NAME

YEARS

1997

NO. 185

[illegible]



## PSYCHROMETRIC SUMMARY

STATE IN NAME

YEARS

2000

MOJRS S

[illegible]



5000

STATION NAME

YEARS

2000

1000

FORM  
0265 (OLA)  
 $\mu = 12$ ,  $\sigma^2 = 0.5$  ( $\log(0.005)$ ) of  $\log(\cdot)$  in  $B_{\text{max}}$  at  $t=199$



## PSYCHROMETRIC SUMMARY

| STATION NAME | STATION NO. | STATION TYPE | STATION CLASS | STATION CODE | STATION NAME | STATION NO. | STATION TYPE | STATION CLASS | STATION CODE |
|--------------|-------------|--------------|---------------|--------------|--------------|-------------|--------------|---------------|--------------|
| STATION NAME | STATION NO. | STATION TYPE | STATION CLASS | STATION CODE | STATION NAME | STATION NO. | STATION TYPE | STATION CLASS | STATION CODE |

ΥΞΑΡΣ

1

1000

[illegible]



## PSYCHROMETRIC SUMMARY

100

STATION NAME

YEARS

5:20

[illegible][illegible]



47185

JSAFETAC



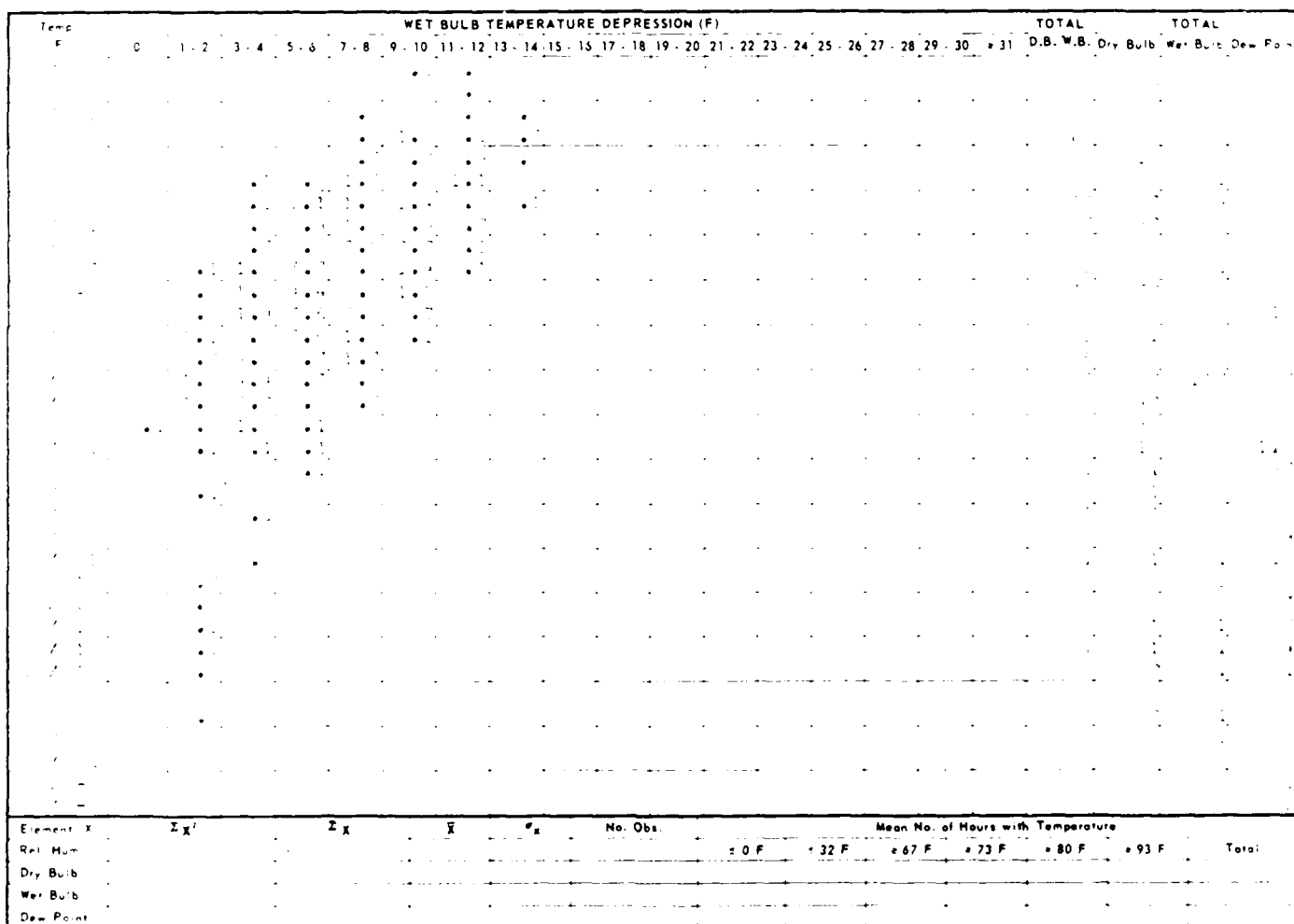
5. A. 2. B. 3. C. 4. D. 5. E. 6. F. 7. G. 8. H. 9. I. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837.

STATION NAME

YEARS

4. 4. 4.

MOLES





YEARS

45

— — — — —

[illegible]



## PSYCHROMETRIC SUMMARY

100

STATION NAME

YEARS

MCA 4

NO. 95

[illegible]



## PSYCHROMETRIC SUMMARY

STATION NAME

44

NOJRS - 5

[illegible]

USAFETAC  
FORM 0265 (OL A)  
JUL 84  
REVISED PREVIOUS EDITIONS ARE OBSOLETE

USAFETAC FORM  
JUL 64



## YEARS

[illegible]



## PSYCHROMETRIC SUMMARY

[illegible]



1997

[illegible][illegible]



## PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

2000

NOV 1955

| Temp.<br>F. | WET BULB TEMPERATURE DEPRESSION (F.) |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | TOTAL     |          | TOTAL    |           |  |
|-------------|--------------------------------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----------|----------|----------|-----------|--|
|             | 1                                    | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |  |
| 1           |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 2           |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 3           |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 4           |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 5           |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 6           |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 7           |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 8           |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 9           |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 10          |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 11          |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 12          |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 13          |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 14          |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 15          |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 16          |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 17          |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 18          |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 19          |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 20          |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 21          |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 22          |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 23          |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 24          |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |
| 25          |                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |  |



## PSYCHROMETRIC SUMMARY

2000

STAT. ON NAME

YEARS

2595

HOURS

[illegible]



## PSYCHROMETRIC SUMMARY

5. **Conclusions**

STATION NAME

YEARS

44

MOURE

[illegible]



## PSYCHROMETRIC SUMMARY

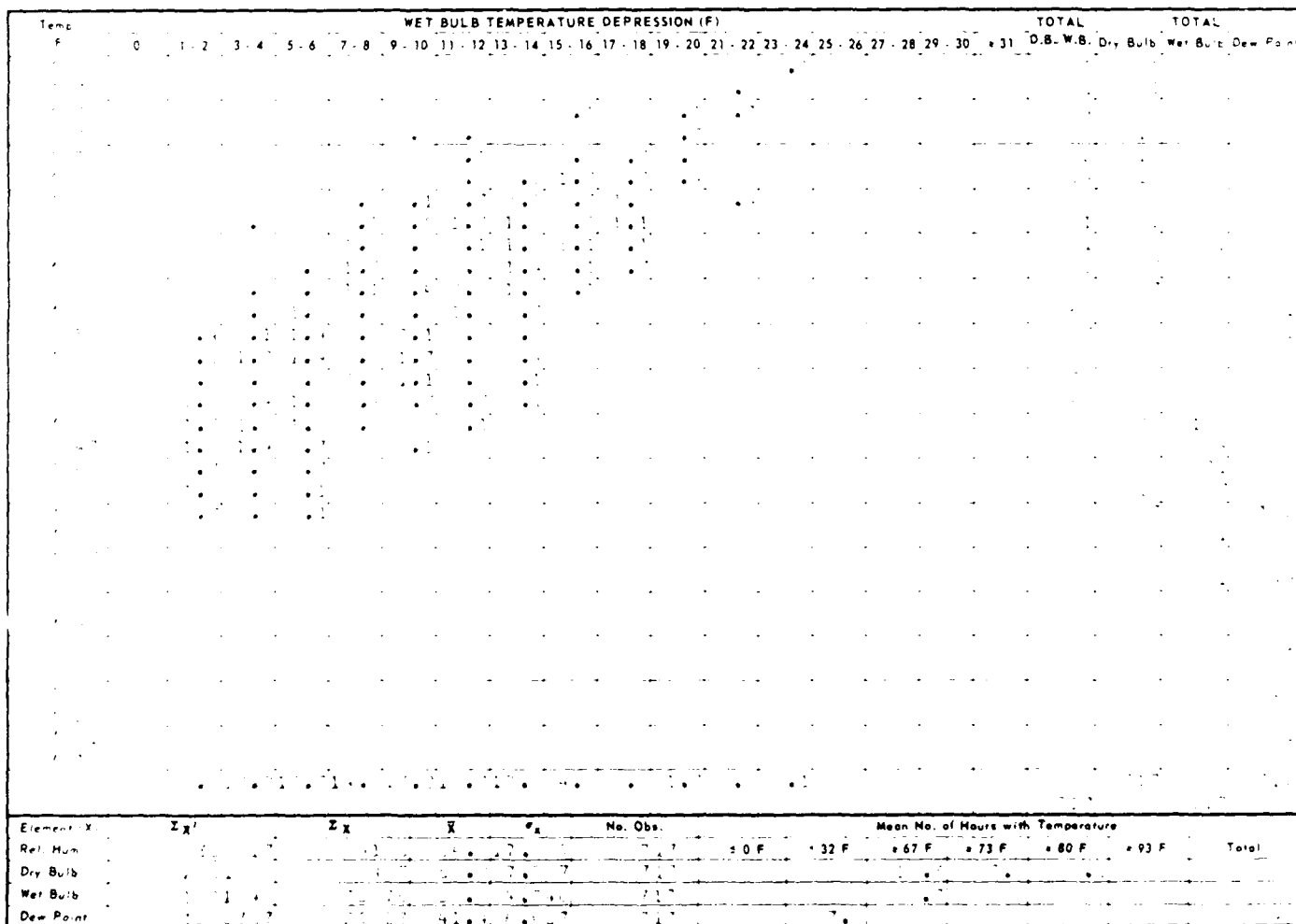
2000

STATION NAME

YEARS

2004

4386





[illegible]



574

STATION NAME

VEARS

424

4285

[illegible]



## YEARS

STAT ON NAME

255

100-25-5

[illegible]

**USAFETAC** FORM NO. 026-5 (OCT 68) PREPARED BY THE AIR FORCE ENGINEERING & DEVELOPMENT CENTER, WRIGHT-PATTERSON AFB, OHIO 45433-7900



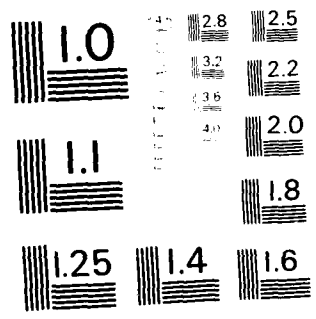
UNCLASSIFIED

INDIAN MOUNTAIN AFS ALASKA REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBS. (U) AIR FORCE ENVIRONMENTAL  
TECHNICAL APPLICATIONS CENTER SCOTT A. JUN 83  
USAFETAC/DS-83/023 SBI-AD-E850 400 F/G 4/2

NL

F/G 4/2





MILITARY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS - 1963-A



444

MCUBS

[illegible]

USAFETAC FORM 0265 (O.L.A.)  
NAT 04



## PSYCHROMETRIC SUMMARY

| STATION NAME | STATION NUMBER | STATION TYPE | STATION STATUS | STATION COMMENTS |
|--------------|----------------|--------------|----------------|------------------|
| STATION 1    | 100            | STATION 1    | STATION 1      | STATION 1        |
| STATION 2    | 200            | STATION 2    | STATION 2      | STATION 2        |
| STATION 3    | 300            | STATION 3    | STATION 3      | STATION 3        |
| STATION 4    | 400            | STATION 4    | STATION 4      | STATION 4        |
| STATION 5    | 500            | STATION 5    | STATION 5      | STATION 5        |
| STATION 6    | 600            | STATION 6    | STATION 6      | STATION 6        |
| STATION 7    | 700            | STATION 7    | STATION 7      | STATION 7        |
| STATION 8    | 800            | STATION 8    | STATION 8      | STATION 8        |
| STATION 9    | 900            | STATION 9    | STATION 9      | STATION 9        |
| STATION 10   | 1000           | STATION 10   | STATION 10     | STATION 10       |

**YEARS**

155

NO. 95 5

[illegible]



## PSYCHROMETRIC SUMMARY

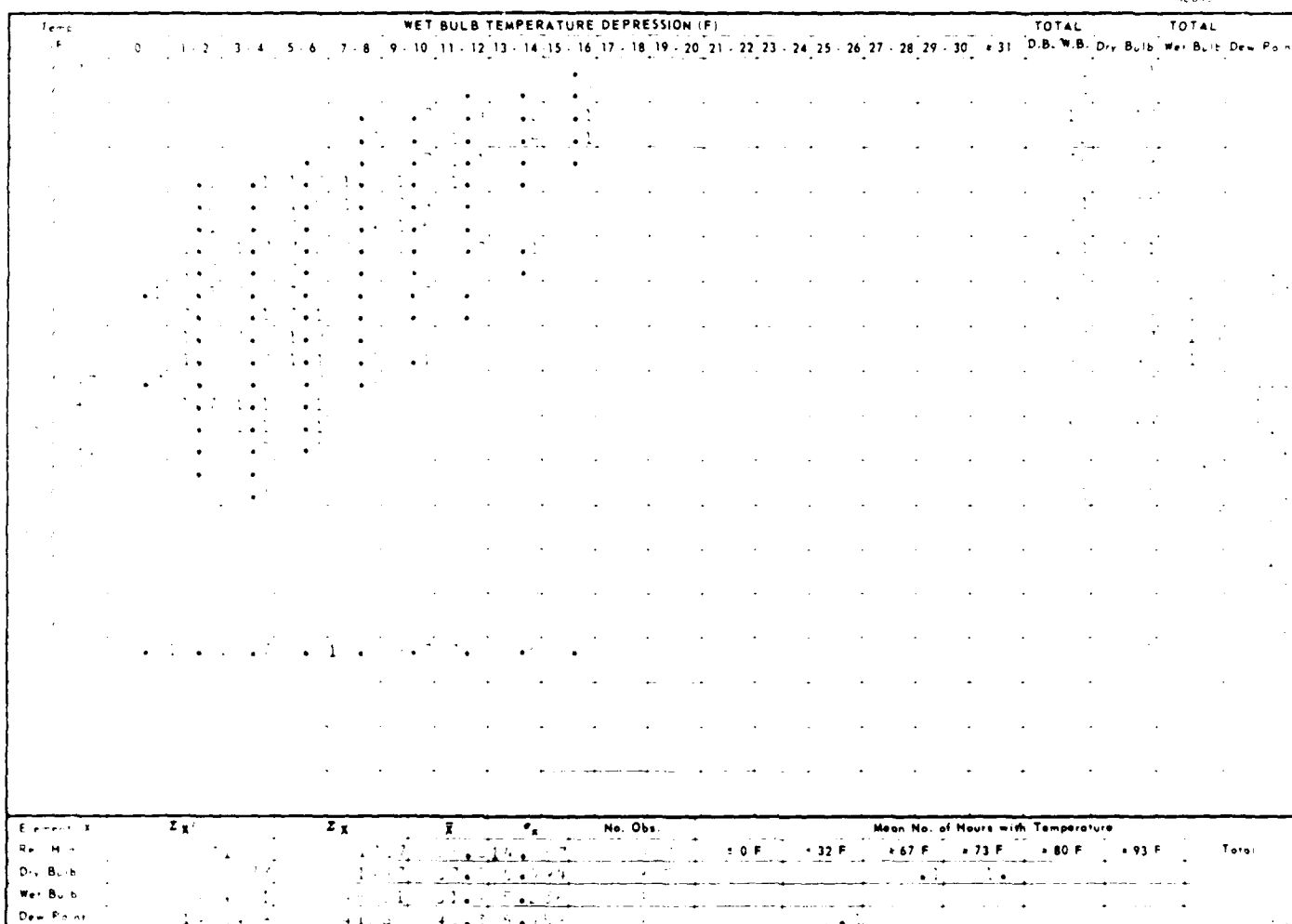
5. 4. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 8

STATION NAME

YEARS

2-5-7

42.9%





## YEARS

5.5.5

 $\frac{H}{C} = \frac{R}{S}$ [illegible]



1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

STAY IN NAME

YEARS

454

NO. 65

[illegible]



$$H_1 = H_2 = \dots = H_n$$

MOJAS 5 1 1 1

| Temp.<br>F. | WET BULB TEMPERATURE DEPRESSION (F) |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | TOTAL |           | TOTAL    |          |         |
|-------------|-------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|---------|
|             | 0                                   | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31    | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Po. |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
|             |                                     |   |   |   |   |   |   |   |   |   | </ |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |



## PSYCHROMETRIC SUMMARY

6. A. 100

STATION NAME

YEARS

534

HOURS : 6

[illegible]



## YEARS

MSS

NGURS

[illegible]



YEARS

MORE

MORE

[illegible]



## PSYCHROMETRIC SUMMARY

—

STATION NAME

YEARS

2.5.1

HOURS 4-6-5

[illegible]



4247

TOTAL

D.B.W.B. Dry Bulb Wet Bulb Dew Point

**USAFETAC** KJ804  
JUL 64 0265 (OL A) ST-CL DEPT-S FORN AFFAIRS - WASH DC 379







## PSYCHROMETRIC SUMMARY

404

S \* A \* ON NAME

YEARS

44-45-

4265

[illegible]



## PSYCHROMETRIC SUMMARY

STATE OF NEW YORK

YEARS

100

MOUSE 5

| Temp<br>F | WET BULB TEMPERATURE DEPRESSION (F) |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | TOTAL |             | TOTAL    |          |           |  |
|-----------|-------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-------------|----------|----------|-----------|--|
|           | 0                                   | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31    | D.B. - W.B. | Dry Bulb | Wet Bulb | Dew Point |  |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |             |          |          |           |  |



## PSYCHROMETRIC SUMMARY

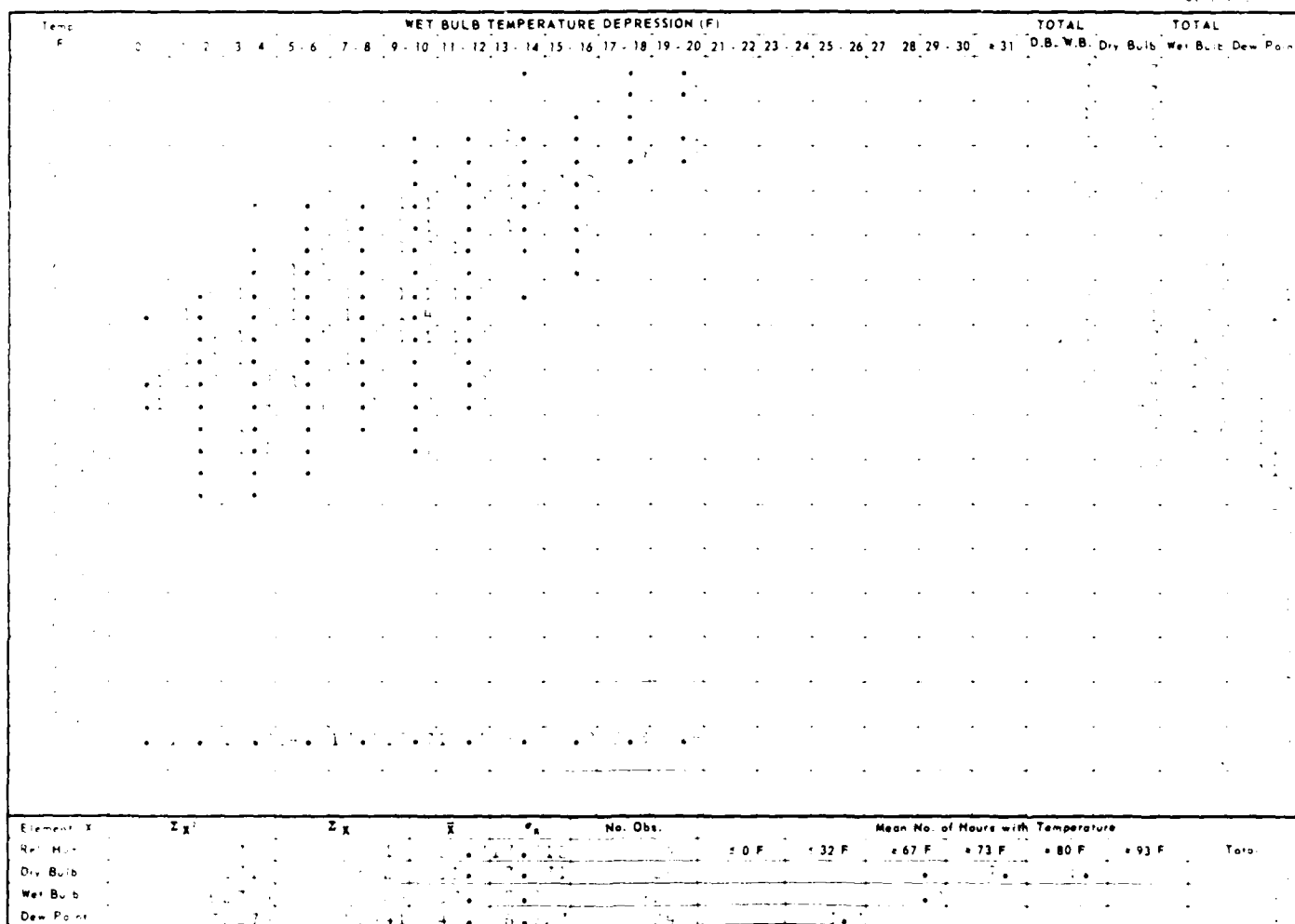
4. *A* *h*

57A7 ON NAME

YEARS

454

40. 1995





## PSYCHROMETRIC SUMMARY

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

SVAN NAME

YEARS

5:5

**INDEX**

[illegible]



## 2

MCQ 20

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U\*AFETAC 0265 JUL 64



## PSYCHROMETRIC SUMMARY

STAR IN NAME

YEARS

4. *Staphylococcus aureus*

40,000

[illegible]



## PSYCHROMETRIC SUMMARY

1998

STATION NAME

YEARS

4:40

100

[illegible]

USAFETAC



024515

100



## PSYCHROMETRIC SUMMARY

| STATION |   | STATION NAME                        |   | YEARS |   | HOURS |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |          |          |           |
|---------|---|-------------------------------------|---|-------|---|-------|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|------|----------|----------|-----------|
|         |   | WET BULB TEMPERATURE DEPRESSION (F) |   | TOTAL |   | TOTAL |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |          |          |           |
| Temp    | F | 1                                   | 2 | 3     | 4 | 5     | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point |
|         |   |                                     |   |       |   |       |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |          |          |           |
|         |   |                                     |   |       |   |       |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |          |          |           |
|         |   |                                     |   |       |   |       |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |          |          |           |
|         |   |                                     |   |       |   |       |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |          |          |           |
|         |   |                                     |   |       |   |       |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |          |          |           |
|         |   |                                     |   |       |   |       |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |          |          |           |
|         |   |                                     |   |       |   |       |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |          |          |           |
|         |   |                                     |   |       |   |       |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |          |          |           |
|         |   |                                     |   |       |   |       |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |          |          |           |
|         |   |                                     |   |       |   |       |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |          |          |           |
|         |   |                                     |   |       |   |       |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |          |          |           |
|         |   |                                     |   |       |   |       |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |          |          |           |
|         |   |                                     |   |       |   |       |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |          |          |           |
|         |   |                                     |   |       |   |       |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |          |          |           |
|         |   |                                     |   |       |   |       |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |          |          |           |
|         |   |                                     |   |       |   |       |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |          |          |           |
|         |   |                                     |   |       |   |       |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |          |          |           |
|         |   |                                     |   |       |   |       |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |          |          |           |
|         |   |                                     |   |       |   |       |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |          |          |           |
|         |   |                                     |   |       |   |       |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |      |          |          |           |



## YEARS

[illegible]



## PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

2.2.2

— 200 —

[illegible]



## PSYCHROMETRIC SUMMARY

500

STAT ON NAME

YEARS

$$M = 4^{\circ} 30'$$

1998

[illegible]



## PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

45

MOORE

[illegible]



## PSYCHROMETRIC SUMMARY

[illegible]



$\mathbb{M}^{\mathbb{N}} \cong \mathbb{M}^{\mathbb{N}^*}$

| WET BULB TEMPERATURE DEPRESSION (F) |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           | TOTAL    | TOTAL    |         |
|-------------------------------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----------|----------|----------|---------|
| F                                   | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dep. P. |

USAFETAC







442

5. NAME

MOJAS 5 1

[illegible]



## PSYCHROMETRIC SUMMARY

100

STATION NAME

YEARS

4:40 -

[illegible]



## 2

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NCJRS 5

USAFETAC  
MEM 0265 (11, A)  
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## YEARS

NO. 55

[illegible]

USAFETAC  
AC 1000  
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## PSYCHROMETRIC SUMMARY

NAME

YEARS

55

NO. 1000

[illegible]



## PSYCHROMETRIC SUMMARY

2000

STATION NAME

YEARS

4.4.4

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[illegible]



## PSYCHROMETRIC SUMMARY

57A' ON NAME

• EADS

100

NOV 25 1965

[illegible]



## PSYCHROMETRIC SUMMARY

**ACKNOWLEDGMENTS**

STATION NAME

VEARS

2-2-2

[illegible]



$$M^{\frac{1}{2}}N^{\frac{1}{2}} = 1$$

WQARS S

| Temp.<br>°F. | WET BULB TEMPERATURE DEPRESSION (F) |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | TOTAL     |          | TOTAL    |           |
|--------------|-------------------------------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----------|----------|----------|-----------|
|              | 1                                   | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 1            |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |
| 2            |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |
| 3            |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |
| 4            |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |
| 5            |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |
| 6            |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |
| 7            |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |
| 8            |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |
| 9            |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |
| 10           |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |
| 11           |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |
| 12           |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |
| 13           |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |
| 14           |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |
| 15           |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |
| 16           |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |
| 17           |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |
| 18           |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |
| 19           |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |
| 20           |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |
| 21           |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |
| 22           |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |
| 23           |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |
| 24           |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |
| 25           |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |
| 26           |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |
| 27           |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |
| 28           |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |
| 29           |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |
| 30           |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |
| 31           |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |
|              |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |
|              |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |
|              |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |
|              |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |
|              |                                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |           |          |          |           |







## PSYCHROMETRIC SUMMARY

VERS

45

MC-RS 5

[illegible]

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USAFETAC



## PSYCHROMETRIC SUMMARY

### STATION NAME

YEARS

524

[illegible]



FEARS

1995

[illegible]



## YEARS

[illegible]



## PSYCHROMETRIC SUMMARY

YEARS

www.elsevier.com/locate/jmb

 $\frac{d}{dt} \left( R \frac{dr}{dt} \right) = -\frac{R}{r^2} \frac{dr}{dt}$ [illegible]



## PSYCHROMETRIC SUMMARY

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• EARS

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NO. 85-11

[illegible]



## PSYCHROMETRIC SUMMARY

1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 26

SYNOPSIS NAME

YEARS

4. **4.1.1.1**

2000

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## PSYCHROMETRIC SUMMARY

5.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

YEARS

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## PSYCHROMETRIC SUMMARY

504

STAT ON NAME

YEARS

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## PSYCHROMETRIC SUMMARY

2. 2. 1.

2000

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## PSYCHROMETRIC SUMMARY

1990

STAT ON NAME

YEARS

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## PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

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## YEARS

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## PSYCHROMETRIC SUMMARY

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## PSYCHROMETRIC SUMMARY

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## 2.

YEARS

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USAFETAC



## PSYCHROMETRIC SUMMARY

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S \* A \* 24 NAME

YEARS

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5. 6. 7.

| Temp.<br>F. | WET BULB TEMPERATURE DEPRESSION (F.) |   |   |    |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | TOTAL |           | TOTAL    |          |         |
|-------------|--------------------------------------|---|---|----|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|---------|
|             | 0                                    | 1 | 2 | 3  | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31    | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Pt. |
| 1           |                                      |   |   |    |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
| 2           |                                      |   |   |    |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
| 3           |                                      |   |   |    |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
| 4           |                                      |   |   |    |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
| 5           |                                      |   |   |    |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
| 6           |                                      |   |   |    |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
| 7           |                                      |   |   |    |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
| 8           |                                      |   |   |    |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
| 9           |                                      |   |   |    |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
| 10          |                                      |   |   |    |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
| 11          |                                      |   |   |    |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
| 12          |                                      |   |   |    |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
| 13          |                                      |   |   |    |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
| 14          |                                      |   |   |    |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
| 15          |                                      |   |   |    |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
| 16          |                                      |   |   |    |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
| 17          |                                      |   |   |    |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
| 18          |                                      |   |   |    |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
| 19          |                                      |   |   |    |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
| 20          |                                      |   |   |    |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
| 21          |                                      |   |   |    |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
| 22          |                                      |   |   |    |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
| 23          |                                      |   |   |    |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
| 24          |                                      |   |   |    |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |
| 25          |                                      |   |   | </ |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |         |



• EADS

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## VEARS

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## PSYCHROMETRIC SUMMARY

YEARS

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USAFETAC







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## PSYCHROMETRIC SUMMARY

5.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

STATION NAME

YEARS

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## PSYCHROMETRIC SUMMARY

YEARS

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## PSYCHROMETRIC SUMMARY

5.  $\Delta^2$   $\Delta^2$   $\Delta^2$

STA\* ON NAME

YEARS

2000

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## PSYCHROMETRIC SUMMARY

STATION NAME

VFADS

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

NO. 85 5

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## YEARS

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## YEARS

| STATE | STATE ON NAME  |
|-------|----------------|
| AL    | ALABAMA        |
| AK    | ALASKA         |
| AR    | ARKANSAS       |
| CA    | CALIFORNIA     |
| CO    | COLORADO       |
| CT    | CONNECTICUT    |
| DE    | DELAWARE       |
| FL    | FLORIDA        |
| GA    | GEORGIA        |
| HI    | HAWAII         |
| ID    | IDAHOW         |
| IL    | ILLINOIS       |
| IN    | INDIANA        |
| IA    | IOWA           |
| KS    | KANSAS         |
| KY    | KENTUCKY       |
| LA    | LOUISIANA      |
| MA    | MASSACHUSETTS  |
| MD    | MARYLAND       |
| ME    | MAINE          |
| MI    | MICHIGAN       |
| MN    | MINNESOTA      |
| MO    | MISSOURI       |
| MS    | MISSISSIPPI    |
| MT    | MONTANA        |
| NE    | NEBRASKA       |
| NH    | NEW HAMPSHIRE  |
| NJ    | NEW JERSEY     |
| NM    | NEW MEXICO     |
| NY    | NEW YORK       |
| NC    | NORTH CAROLINA |
| ND    | NORTH DAKOTA   |
| OH    | OHIO           |
| OK    | OKLAHOMA       |
| OR    | OREGON         |
| PA    | PENNSYLVANIA   |
| RI    | RHODE ISLAND   |
| SC    | SOUTH CAROLINA |
| SD    | SOUTH DAKOTA   |
| SE    | SOUTH EST      |
| SI    | SOUTH ISLAND   |
| SN    | SOUTH NORTHERN |
| SP    | SOUTH PAST     |
| ST    | SOUTH TOWN     |
| SW    | SOUTH WEST     |
| TA    | TOWN           |
| TE    | TOWN EAST      |
| TH    | TOWN NORTH     |
| TI    | TOWN SOUTH     |
| TO    | TOWN TOWN      |
| TR    | TOWN TOWN      |
| TS    | TOWN TOWN      |
| TU    | TOWN TOWN      |
| TX    | TEXAS          |
| UT    | UTAH           |
| VA    | VIRGINIA       |
| VT    | VERMONT        |
| WA    | WASHINGTON     |
| WI    | WISCONSIN      |
| WV    | WEST VIRGINIA  |
| WY    | WYOMING        |

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4000 3500 3000 2500 2000 1500 1000 500

USAFETAC  
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## PSYCHROMETRIC SUMMARY

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## PSYCHROMETRIC SUMMARY

STAT ON NAME

YEARS

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## PSYCHROMETRIC SUMMARY

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

STATION NAME

YEARS

5. 2°.

NO. 10

[illegible]



## PSYCHROMETRIC SUMMARY

STAY ON NAME

YEARS

15.

NO. 95

[illegible]



## PSYCHROMETRIC SUMMARY

| STATION NAME   |   | YEARS |   | MONTH    |                                    |
|--|---|-------|---|----------|------------------------------------|
| <p>Temp. F.      WET BULB TEMPERATURE DEPRESSION (F)      TOTAL D.B. W.B.      TOTAL Dry Bulb Wet Bulb Dew Point</p> <p>0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31</p>  |   |       |   |          |                                    |
| <p>1 -</p> <p>2 -</p> <p>3 -</p> <p>4 -</p> <p>5 -</p> <p>6 -</p> <p>7 -</p> <p>8 -</p> <p>9 -</p> <p>10 -</p> <p>11 -</p> <p>12 -</p> <p>13 -</p> <p>14 -</p> <p>15 -</p> <p>16 -</p> <p>17 -</p> <p>18 -</p> <p>19 -</p> <p>20 -</p> <p>21 -</p> <p>22 -</p> <p>23 -</p> <p>24 -</p> <p>25 -</p> <p>26 -</p> <p>27 -</p> <p>28 -</p> <p>29 -</p> <p>30 -</p> <p>31 -</p> |   |       |   |          |                                    |
| Element  | X | Z     | X | No. Obs. | Mean No. of Hours with Temperature |
| Rel. Hum.  |   |       |   |          | 0 F 32 F 67 F 73 F 80 F 93 F Total |
| Dry Bulb   |   |       |   |          |                                    |
| Wet Bulb   |   |       |   |          |                                    |
| Dew Point  |   |       |   |          |                                    |



## PSYCHROMETRIC SUMMARY

55

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

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USAFETAC FORM 0265 (C-1A) JUL 64

USAFETAC



## PSYCHROMETRIC SUMMARY

2000

STAT ON NAME

YEARS

44

4298

[illegible]



## PSYCHROMETRIC SUMMARY

| NAME | STATE | DATE | TIME | STATION NAME |
|------|-------|------|------|--------------|
| ...  | ...   | ...  | ...  | ...          |

YEARS

2.2.

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## PSYCHROMETRIC SUMMARY

5\*4\* ON NAME

— — — — —

YEARS

1997

MOUSE

[illegible]

USAFETAC  
KIDNEY  
JUL 64  
0 26 5 (U.S. A)  
OF THE UNITED STATES OF AMERICA



| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
|---------|--------------|-------|-------|

NO. 85

USAFETAC FORM 0265 (OL A) 01-10-2005 00:00:00 00:00:00 00:00:00



44

STAT ON NAME

MOJAS 5 5 5

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## PSYCHROMETRIC SUMMARY

100

STATION NAME

YEARS

554

1048

[illegible]



YEARS

[illegible]



| STATION | STATION NAME | YEARS | NO. OF |
|---------|--------------|-------|--------|
|---------|--------------|-------|--------|

HOURS 5

| Temp<br>F | WET BULB TEMPERATURE DEPRESSION (F) |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | TOTAL |           | TOTAL    |          |        |
|-----------|-------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|--------|
|           | 0                                   | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31    | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Po |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |        |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |        |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |        |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |        |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |        |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |        |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |        |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |        |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |        |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |        |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |        |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |        |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |        |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |        |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |        |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |        |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |        |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |        |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |        |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |        |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |        |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |        |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |        |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |        |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |        |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |        |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |        |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |        |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |        |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |        |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |        |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |        |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |        |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |        |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |        |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |        |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |        |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |        |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |        |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |        |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |        |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |        |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |        |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |        |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |        |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |        |
|           |                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |        |
|           |                                     |   |   |   |   |   |   |   |   |   |    | </ |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |           |          |          |        |



## PSYCHROMETRIC SUMMARY

[illegible]



## PSYCHROMETRIC SUMMARY

STAY ON ROAD

YEARS

525

MO:RS S Y

[illegible]



## PSYCHROMETRIC SUMMARY

5: A' 3N

STATION NAME

YEARS

100%

NO. 105

[illegible]



AL CLIMATOLOGICAL BRANCH  
 MET  
 WEATHER SERVICE/AC

# MEANS AND STANDARD DEVIATIONS

BY-HOUR TEMPERATURES FOR F FROM HOURLY OBSERVATION

7-14 DIAN MOUNTAIN 3000 AM

71-50

|           | JAN   | FEB   | MAR   | APR   | MAY   | JUN  | JUL  | AUG  | SEP  | OCT   | NOV   | DEC   | ANNUAL |
|-----------|-------|-------|-------|-------|-------|------|------|------|------|-------|-------|-------|--------|
| MEAN      | -3.7  | -3.7  | 5.7   | 19.1  | 37.0  | 48.1 | 51.4 | 48.8 | 38.6 | 28.2  | 8.0   | -5.7  | 22.4   |
| STDEV     | 14.34 | 17.80 | 14.34 | 11.98 | 7.35  | 6.16 | 6.10 | 6.88 | 7.14 | 10.96 | 11.03 | 16.88 | 24.37  |
| TOTAL OBS | 888   | 788   | 930   | 894   | 907   | 827  | 832  | 805  | 810  | 918   | 887   | 882   | 10401  |
| MEAN      | -     | -4.3  | 4.7   | 17.1  | 38.1  | 48.0 | 51.1 | 47.2 | 37.3 | 19.3  | 5.7   | -1.0  | 21.7   |
| STDEV     | 14.63 | 17.50 | 14.55 | 12.26 | 7.60  | 6.23 | 6.17 | 7.02 | 7.24 | 11.12 | 11.01 | 14.13 | 24.37  |
| TOTAL OBS | 888   | 835   | 930   | 897   | 909   | 866  | 900  | 923  | 886  | 918   | 882   | 911   | 10728  |
| MEAN      | -1.0  | -4.4  | 4.7   | 20.1  | 43.7  | 53.7 | 57.2 | 51.5 | 38.6 | 19.2  | 1.6   | -1.0  | 22.2   |
| STDEV     | 14.38 | 17.47 | 14.47 | 12.11 | 8.34  | 7.13 | 6.94 | 7.20 | 7.45 | 11.45 | 11.01 | 16.21 | 24.47  |
| TOTAL OBS | 888   | 835   | 930   | 897   | 909   | 882  | 900  | 924  | 891  | 918   | 888   | 911   | 10771  |
| MEAN      | -1.0  | -1.3  | 10.1  | 26.2  | 49.2  | 58.6 | 62.6 | 58.0 | 43.8 | 21.3  | 1.7   | -4.6  | 27.5   |
| STDEV     | 14.69 | 13.23 | 12.99 | 10.37 | 8.86  | 8.14 | 8.22 | 7.55 | 8.47 | 11.47 | 11.01 | 17.51 | 27.77  |
| TOTAL OBS | 888   | 819   | 930   | 895   | 911   | 874  | 900  | 924  | 892  | 919   | 887   | 918   | 10771  |
| MEAN      | -     | 3.4   | 10.3  | 29.3  | 52.3  | 61.4 | 65.5 | 61.5 | 47.0 | 25.7  | 1.4   | -4.6  | 28.4   |
| STDEV     | 14.18 | 16.76 | 12.29 | 10.21 | 8.88  | 8.31 | 8.73 | 7.97 | 9.18 | 11.43 | 11.01 | 17.62 | 28.00  |
| TOTAL OBS | 884   | 837   | 930   | 897   | 909   | 882  | 901  | 924  | 894  | 921   | 889   | 882   | 10747  |
| MEAN      | -     | 2.5   | 13.7  | 29.8  | 53.2  | 61.8 | 65.1 | 61.7 | 47.0 | 24.2  | 1.3   | -4.6  | 28.1   |
| STDEV     | 14.37 | 16.81 | 12.29 | 10.12 | 8.91  | 8.32 | 8.55 | 7.98 | 9.30 | 11.43 | 11.01 | 17.62 | 28.10  |
| TOTAL OBS | 770   | 805   | 928   | 883   | 875   | 790  | 749  | 916  | 861  | 866   | 855   | 882   | 10811  |
| MEAN      | 2.0   | 1.6   | 10.5  | 27.7  | 51.0  | 59.2 | 62.4 | 57.8 | 42.8 | 22.5  | 6.5   | -5.5  | 29.1   |
| STDEV     | 17.67 | 17.70 | 13.30 | 10.51 | 8.46  | 7.58 | 8.05 | 7.94 | 8.86 | 11.00 | 11.01 | 17.81 | 27.21  |
| TOTAL OBS | 882   | 551   | 715   | 889   | 660   | 711  | 603  | 698  | 709  | 619   | 475   | 637   | 7726   |
| MEAN      | 2.0   | .8    | 8.0   | 23.0  | 43.9  | 53.2 | 56.1 | 51.3 | 38.8 | 21.7  | 7.2   | -5.8  | 25.4   |
| STDEV     | 17.19 | 18.81 | 13.70 | 11.55 | 7.91  | 6.32 | 6.37 | 6.94 | 7.14 | 11.02 | 11.01 | 18.26 | 24.77  |
| TOTAL OBS | 818   | 533   | 733   | 637   | 701   | 673  | 574  | 626  | 652  | 652   | 569   | 704   | 7734   |
| MEAN      | -     | -0.9  | 8.9   | 23.9  | 46.1  | 55.4 | 58.8 | 54.8 | 41.8 | 21.7  | 1.7   | -5.0  | 26.2   |
| STDEV     | 14.31 | 13.62 | 13.78 | 12.09 | 10.08 | 8.95 | 9.32 | 9.23 | 9.12 | 11.05 | 11.01 | 14.54 | 26.66  |
| TOTAL OBS | 888   | 602   | 706   | 553   | 671   | 649  | 635  | 669  | 661  | 673   | 663   | 672   | 7289   |





U.S. AIR FORCE  
 AIRCRAFT  
 AIRCRAFT SERVICE/MAINT

# MEANS AND STANDARD DEVIATIONS

NET-HOUR TEMPERATURES (23 F FROM HOURLY OBSERVATIONS)

17-12 INDIAN MOUNTAIN AFB AK

75-32

| MEAN      | JAN   | FEB   | MAR   | APR   | MAY  | JUN  | JUL  | AUG  | SEP  | OCT   | NOV   | DEC   | ANN A |
|-----------|-------|-------|-------|-------|------|------|------|------|------|-------|-------|-------|-------|
| MEAN      | 1.1   | -1.4  | 5.1   | 17.2  | 34.5 | 43.5 | 47.6 | 45.9 | 36.1 | 16.0  | 5.7   | -1.1  | 1.1   |
| S.D.      | 14.54 | 16.79 | 13.37 | 11.32 | 6.22 | 5.23 | 5.29 | 6.26 | 6.40 | 7.13  | 6.41  | 14.54 | 16.79 |
| TOTAL OBS | 751   | 730   | 927   | 894   | 907  | 907  | 835  | 895  | 830  | 918   | 884   | 834   | 10220 |
| MEAN      | 2.7   | -1.9  | 4.2   | 15.4  | 33.9 | 43.7 | 47.4 | 44.5 | 30.1 | 19.3  | 8.5   | -1.3  | 2.7   |
| S.D.      | 15.92 | 16.31 | 13.18 | 11.36 | 6.29 | 5.14 | 5.35 | 6.46 | 6.51 | 7.10  | 6.65  | 14.67 | 16.79 |
| TOTAL OBS | 758   | 770   | 921   | 897   | 907  | 868  | 900  | 923  | 886  | 918   | 884   | 854   | 10220 |
| MEAN      | 1.7   | -2.0  | 4.4   | 17.0  | 38.0 | 47.5 | 51.4 | 47.8 | 30.0 | 18.2  | 8.3   | -1.6  | 1.7   |
| S.D.      | 15.91 | 16.43 | 13.18 | 11.39 | 6.42 | 5.23 | 5.23 | 6.10 | 6.37 | 7.11  | 6.17  | 15.92 | 16.79 |
| TOTAL OBS | 104   | 770   | 915   | 897   | 909  | 882  | 900  | 923  | 891  | 918   | 884   | 867   | 10220 |
| MEAN      | 1.7   | -2.2  | 4.6   | 23.4  | 42.0 | 50.2 | 54.3 | 51.7 | 39.3 | 27.8  | 8.1   | -7.5  | 1.7   |
| S.D.      | 15.55 | 16.26 | 12.23 | 9.96  | 6.46 | 5.26 | 5.57 | 5.58 | 7.11 | 7.11  | 6.86  | 15.92 | 16.79 |
| TOTAL OBS | 800   | 804   | 910   | 895   | 910  | 874  | 900  | 924  | 890  | 919   | 886   | 878   | 10220 |
| MEAN      | 1.7   | 2.8   | 12.1  | 20.0  | 44.3 | 51.5 | 55.5 | 53.5 | 41.8 | 22.1  | 7.8   | -7.5  | 1.7   |
| S.D.      | 16.12 | 16.93 | 11.45 | 9.26  | 6.37 | 5.04 | 5.43 | 5.39 | 7.04 | 9.12  | 13.19 | 15.92 | 16.79 |
| TOTAL OBS | 829   | 832   | 910   | 897   | 909  | 865  | 901  | 924  | 894  | 921   | 888   | 868   | 10220 |
| MEAN      | 2.3   | 2.3   | 12.2  | 26.5  | 45.0 | 51.5 | 55.3 | 53.4 | 41.5 | 22.5  | 8.8   | -3.9  | 2.3   |
| S.D.      | 16.30 | 16.77 | 11.47 | 9.15  | 6.22 | 5.00 | 5.19 | 5.34 | 6.99 | 9.24  | 13.05 | 15.92 | 16.79 |
| TOTAL OBS | 662   | 795   | 928   | 883   | 805  | 790  | 745  | 915  | 861  | 866   | 811   | 802   | 9920  |
| MEAN      | 5.0   | 1.7   | 9.2   | 24.5  | 43.2 | 50.2 | 54.2 | 51.2 | 39.0 | 21.0  | 8.9   | -4.5  | 5.0   |
| S.D.      | 14.89 | 16.57 | 12.37 | 9.54  | 6.18 | 4.74 | 5.12 | 5.94 | 7.17 | 10.11 | 13.79 | 16.69 | 16.79 |
| TOTAL OBS | 480   | 541   | 713   | 589   | 560  | 717  | 603  | 698  | 702  | 619   | 675   | 656   | 7460  |
| MEAN      | 3.7   | 1.6   | 7.0   | 20.7  | 38.2 | 47.2 | 50.6 | 47.4 | 36.4 | 20.5  | 8.7   | -4.5  | 3.7   |
| S.D.      | 14.64 | 16.96 | 12.80 | 10.74 | 6.23 | 4.70 | 4.93 | 6.37 | 6.49 | 10.06 | 13.12 | 16.74 | 16.79 |
| TOTAL OBS | 490   | 513   | 730   | 637   | 701  | 673  | 574  | 686  | 652  | 652   | 667   | 668   | 7449  |
| MEAN      | 1.2   | .3    | 7.9   | 21.3  | 39.7 | 48.1 | 52.0 | 49.5 | 38.3 | 20.4  | 8.2   | -3.3  | 1.2   |
| S.D.      | 15.77 | 16.47 | 12.93 | 11.21 | 7.54 | 5.92 | 6.16 | 6.72 | 7.30 | 10.48 | 14.03 | 16.10 | 16.79 |
| TOTAL OBS | 5026  | 5755  | 6994  | 6599  | 6710 | 6490 | 6358 | 6886 | 6613 | 6731  | 6619  | 6419  | 77798 |



ALBUQUERQUE, NEW MEXICO

METAR

WINDY SERVICE/PAO

## MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES COC F FROM HOURLY OBSERVATIONS

1. JUAN MOUNTAIN AND A

73-37

|                    | JAN   | FEB   | MAR      | APR     | MAY   | JUN   | JUL   | AUG   | SEP  | OCT   | NOV   | DEC       | ANNUAL |
|--------------------|-------|-------|----------|---------|-------|-------|-------|-------|------|-------|-------|-----------|--------|
| MEAN               | -4.0  | -3.0  | -2.7     | 10.2    | 27.5  | 33.4  | 43.7  | 43.0  | 32.0 | 14.5  | 1.0   | -7.7      | 10.7   |
| STANDARD DEVIATION | 17.19 | 19.7  | 114.97   | 13.374  | 7.264 | 6.554 | 6.401 | 6.742 | 7.35 | 12.17 | 15.49 | 19.244    | 23.177 |
| TOTAL OBS          | 711   | 734   | 937      | 394     | 727   | 827   | 835   | 895   | 832  | 919   | 834   | 834       | 10221  |
| MEAN               | -4.1  | -3.5  | -3.1     | 8.4     | 27.2  | 33.7  | 43.6  | 42.3  | 31.7 | 14.1  | 1.4   | -8.1      | 10.7   |
| STANDARD DEVIATION | 17.71 | 16.44 | 15.23    | 913.593 | 7.312 | 6.447 | 6.256 | 6.852 | 7.37 | 11.34 | 11.63 | 19.15.744 | 23.177 |
| TOTAL OBS          | 718   | 770   | 921      | 897     | 919   | 864   | 901   | 923   | 886  | 918   | 834   | 819       | 10221  |
| MEAN               | -4.5  | -3.7  | -2.3     | 11.0    | 30.3  | 41.3  | 46.3  | 44.1  | 30.3 | 14.1  | 1.4   | -7.7      | 10.7   |
| STANDARD DEVIATION | 17.85 | 17.5  | 114.97   | 13.110  | 6.999 | 6.236 | 6.956 | 6.600 | 7.83 | 12.35 | 13.47 | 19.15.744 | 24.147 |
| TOTAL OBS          | 714   | 770   | 915      | 897     | 909   | 822   | 900   | 923   | 891  | 913   | 894   | 867       | 10221  |
| MEAN               | -4.0  | -7.3  | 1.4      | 18.0    | 33.1  | 42.2  | 47.4  | 48.1  | 34.9 | 18.0  | 1.0   | -7.0      | 10.7   |
| STANDARD DEVIATION | 17.82 | 11.6  | 42113.50 | 711.598 | 7.392 | 6.157 | 6.418 | 6.437 | 7.70 | 11.49 | 11.53 | 19.15.744 | 24.147 |
| TOTAL OBS          | 800   | 804   | 910      | 890     | 915   | 874   | 922   | 924   | 892  | 919   | 886   | 878       | 10221  |
| MEAN               | -4.7  | -4.2  | 4.5      | 18.4    | 34.3  | 42.2  | 47.3  | 48.9  | 35.7 | 17.8  | 2.0   | -8.7      | 10.7   |
| STANDARD DEVIATION | 17.71 | 12.35 | 13.38    | 211.059 | 7.442 | 6.248 | 6.543 | 6.623 | 7.36 | 11.82 | 14.40 | 19.15.744 | 23.177 |
| TOTAL OBS          | 829   | 832   | 931      | 897     | 909   | 869   | 901   | 924   | 894  | 921   | 893   | 861       | 10221  |
| MEAN               | -4.0  | -4.6  | 4.7      | 18.8    | 35.3  | 41.8  | 47.2  | 48.1  | 35.8 | 17.7  | 1.7   | -10.1     | 10.7   |
| STANDARD DEVIATION | 18.04 | 18.34 | 12.70    | 10.917  | 7.277 | 6.600 | 6.183 | 6.605 | 7.25 | 11.01 | 13.10 | 19.15.744 | 23.177 |
| TOTAL OBS          | 860   | 795   | 928      | 893     | 905   | 790   | 745   | 915   | 861  | 866   | 851   | 812       | 9971   |
| MEAN               | -3.0  | -3.4  | 1.5      | 18.9    | 33.7  | 41.4  | 47.4  | 48.3  | 34.2 | 16.4  | 1.4   | -11.0     | 10.7   |
| STANDARD DEVIATION | 18.33 | 19.43 | 13.74    | 11.172  | 6.802 | 6.467 | 5.794 | 6.609 | 7.44 | 11.35 | 15.18 | 19.15.744 | 23.177 |
| TOTAL OBS          | 430   | 641   | 713      | 889     | 860   | 717   | 603   | 698   | 709  | 619   | 575   | 656       | 7461   |
| MEAN               | -3.1  | -3.5  | -3.4     | 12.8    | 31.3  | 40.4  | 45.5  | 43.5  | 32.7 | 16.3  | 1.3   | -10.7     | 10.7   |
| STANDARD DEVIATION | 18.00 | 17.65 | 14.24    | 12.466  | 6.954 | 6.490 | 6.033 | 6.760 | 7.28 | 11.23 | 16.14 | 19.15.744 | 23.177 |
| TOTAL OBS          | 408   | 813   | 721      | 677     | 721   | 873   | 579   | 680   | 652  | 652   | 667   | 663       | 7449   |
| MEAN               | -4.1  | -6.6  | 1.4      | 14.1    | 31.5  | 40.3  | 46.0  | 44.6  | 33.7 | 15.8  | 1.0   | -9.9      | 10.7   |
| STANDARD DEVIATION | 17.41 | 17.22 | 14.27    | 112.750 | 7.760 | 6.549 | 6.400 | 6.821 | 7.58 | 11.73 | 15.44 | 19.15.744 | 23.177 |
| TOTAL OBS          | 5828  | 5755  | 5994     | 6589    | 6712  | 6426  | 6159  | 6888  | 6613 | 6731  | 6619  | 6419      | 77798  |



AL CLIMATOLOGY BRANCH  
THE  
WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

17 INDIAN MOUNTAIN AFS AK  
STATION STATION NAME

73-54

24

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| MONTH    | HOURS<br>EST. | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |       |      |      |      |      |      |     | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO. OF<br>OBS. |
|----------|---------------|--|-------|-------|------|------|------|------|------|-----|------------------------------|-------------------------|
|          |               | 10   | 20    | 30    | 40   | 50   | 60   | 70   | 80   | 90  |                              |                         |
| JAN.     | 1-31          | 100.0  | 100.0 | 97.7  | 99.1 | 96.4 | 89.2 | 64.0 | 24.3 | 4.0 | 73.2                         | 701                     |
| FEB.     | 1-28          | 100.0  | 100.0 | 100.0 | 98.1 | 95.6 | 89.6 | 66.8 | 27.1 | 4.5 | 73.5                         | 733                     |
| MAR.     | 1-31          | 100.0  | 100.0 | 100.0 | 97.9 | 96.0 | 89.4 | 66.4 | 25.7 | 4.6 | 73.4                         | 724                     |
| APR.     | 1-11          | 100.0  | 100.0 | 99.6  | 97.5 | 95.2 | 86.5 | 63.9 | 25.3 | 3.6 | 72.0                         | 377                     |
| MAY      | 1-14          | 100.0  | 100.0 | 99.9  | 97.9 | 94.3 | 86.9 | 61.3 | 23.5 | 2.6 | 70.3                         | 429                     |
| JUN.     | 1-17          | 100.0  | 100.0 | 99.7  | 97.6 | 94.3 | 84.6 | 61.0 | 21.1 | 4.5 | 71.5                         | 360                     |
| JULY     | 1-20          | 100.0  | 100.0 | 99.6  | 97.5 | 95.3 | 84.0 | 60.2 | 15.6 | 1.9 | 71.1                         | 497                     |
| AUG.     | 1-23          | 100.0  | 100.0 | 99.4  | 97.4 | 96.0 | 85.9 | 53.1 | 14.9 | 3.0 | 70.9                         | 436                     |
| SEPT.    | 1-25          | 100.0  | 100.0 | 99.6  | 97.6 | 95.5 | 85.5 | 62.5 | 22.3 | 3.6 | 72.4                         | 426                     |
| OCT.     | 1-27          | 100.0  | 100.0 | 99.6  | 97.6 | 95.5 | 85.5 | 62.5 | 22.3 | 3.6 | 72.4                         | 426                     |
| NOV.     | 1-30          | 100.0  | 100.0 | 99.6  | 97.6 | 95.5 | 85.5 | 62.5 | 22.3 | 3.6 | 72.4                         | 426                     |
| DECEMBER | 1-31          | 100.0  | 100.0 | 99.6  | 97.6 | 95.5 | 85.5 | 62.5 | 22.3 | 3.6 | 72.4                         | 426                     |
| TOTALS   |               | 100.0  | 100.0 | 99.6  | 97.9 | 95.5 | 87.0 | 62.5 | 22.3 | 3.6 | 72.4                         | 626                     |



## RELATIVE HUMIDITY

PERIOD

| MONTH  | HOURS<br>1ST | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |      |      |      |      |      |     | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO. OF<br>DAYS |
|--------|--------------|--|-------|------|------|------|------|------|-----|------------------------------|-------------------------|
|        |              | 10   | 20    | 30   | 40   | 50   | 60   | 70   | 80  |                              |                         |
| 1-5    | 100.0        | 100.0  | 99.7  | 99.5 | 96.7 | 83.4 | 59.2 | 23.2 | 3.4 | 71.1                         | 73                      |
| 1-10   | 100.0        | 100.0  | 100.0 | 99.9 | 97.1 | 83.2 | 55.2 | 20.1 | 2.2 | 71.1                         | 77                      |
| 1-15   | 100.0        | 100.0  | 100.0 | 99.5 | 95.1 | 81.2 | 55.7 | 18.3 | 2.7 | 70.9                         | 77                      |
| 1-11   | 100.0        | 100.0  | 99.9  | 93.5 | 82.6 | 76.7 | 55.2 | 21.6 | 2.7 | 70.1                         | 77                      |
| 1-14   | 100.0        | 100.0  | 99.8  | 97.4 | 89.7 | 76.9 | 55.2 | 24.3 | 3.2 | 70.1                         | 83                      |
| 1-17   | 100.0        | 100.0  | 99.7  | 93.1 | 92.5 | 77.1 | 56.1 | 25.2 | 4.2 | 70.7                         | 79                      |
| 1-20   | 100.0        | 100.0  | 100.0 | 99.6 | 93.7 | 75.4 | 47.9 | 20.3 | 2.8 | 69.5                         | 84                      |
| 1-23   | 100.0        | 100.0  | 100.0 | 99.1 | 95.5 | 78.2 | 45.2 | 19.3 | 2.5 | 69.4                         | 81                      |
| TOTALS | 100.0        | 100.0  | 99.9  | 99.1 | 93.6 | 79.3 | 53.3 | 21.6 | 2.9 | 70.4                         | 755                     |



AL CLIMATOLOGY BRANCH  
FATHER SERVICE/MAC

### RELATIVE HUMIDITY

1740 INDIAN MOUNTAIN AFB AK  
STATION STATION NAME

72-24

PERIOD

12.

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| MONTH | HOUR<br>EST. | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |       |      |      |      |      |      | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO. OF<br>DAYS |     |
|-------|--------------|--|-------|-------|------|------|------|------|------|------------------------------|-------------------------|-----|
|       |              | 10   | 20    | 30    | 40   | 50   | 60   | 70   | 80   |                              |                         | 90  |
| 1-12  | 10-12        | 100.0  | 100.0 | 99.7  | 98.5 | 93.2 | 73.7 | 49.3 | 13.8 | 3.2                          | 62.1                    | 777 |
|       | 01-05        | 100.0  | 100.0 | 100.0 | 93.7 | 91.2 | 72.0 | 50.5 | 19.3 | 3.5                          | 64.1                    | 801 |
|       | 06-10        | 100.0  | 100.0 | 99.9  | 99.2 | 92.5 | 72.2 | 50.3 | 19.7 | 4.7                          | 64.2                    | 718 |
|       | 11-11        | 100.0  | 100.0 | 100.0 | 99.7 | 93.7 | 70.6 | 44.0 | 15.7 | 1.4                          | 63.1                    | 730 |
|       | 12-14        | 100.0  | 100.0 | 99.9  | 99.2 | 91.7 | 67.6 | 39.4 | 13.0 | .5                           | 66.7                    | 737 |
|       | 15-17        | 100.0  | 100.0 | 99.3  | 99.0 | 91.8 | 69.3 | 42.1 | 13.7 | .5                           | 67.3                    | 774 |
|       | 18-20        | 100.0  | 100.0 | 99.9  | 96.9 | 93.0 | 69.6 | 39.0 | 12.2 | .6                           | 66.7                    | 710 |
|       | 1-23         | 100.0  | 100.0 | 100.0 | 99.5 | 94.0 | 73.2 | 44.4 | 15.3 | 1.6                          | 64.2                    | 730 |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
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|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
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|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
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|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
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|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
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|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |
|       |              |  |       |       |      |      |      |      |      |                              |                         |     |



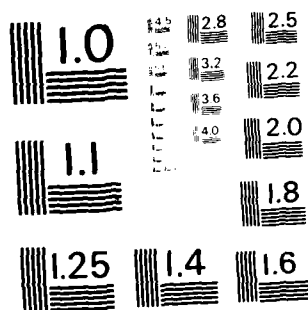
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INDIAN MOUNTAIN AFS ALASKA REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBS..(U) AIR FORCE ENVIRONMENTAL  
TECHNICAL APPLICATIONS CENTER SCOTT A. JUN 83  
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MICROCOPY RESOLUTION TEST CHART  
 NATIONAL BUREAU OF STANDARDS - 9683



## RELATIVE HUMIDITY

PERIOD

17.

| MONTH  | HOURS<br>LST | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |       |      |      |      |      |      | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO. OF<br>OBS |     |
|--------|--------------|--|-------|-------|------|------|------|------|------|------------------------------|------------------------|-----|
|        |              | 10   | 20    | 30    | 40   | 50   | 60   | 70   | 80   |                              |                        | 90  |
| 1-31   | 140.0        | 100.0  | 100.0 | 100.0 | 99.5 | 91.7 | 73.7 | 47.1 | 22.5 | 4.7                          | 64.1                   | 594 |
| 2-28   | 140.0        | 100.0  | 100.0 | 100.0 | 98.7 | 91.3 | 70.1 | 47.2 | 25.0 | 4.7                          | 63.4                   | 597 |
| 3-31   | 140.0        | 100.0  | 100.0 | 100.0 | 98.3 | 92.0 | 67.7 | 45.2 | 23.7 | 4.6                          | 65.0                   | 597 |
| 4-30   | 140.0        | 100.0  | 100.0 | 99.5  | 95.3 | 86.9 | 65.5 | 37.3 | 16.2 | 1.9                          | 66.1                   | 595 |
| 5-14   | 100.0        | 100.0  | 99.6  | 97.4  | 85.1 | 61.1 | 32.3 | 12.5 | .8   | 64.7                         | 597                    |     |
| 5-17   | 100.0        | 100.0  | 99.8  | 97.4  | 83.5 | 61.3 | 32.3 | 12.7 | .7   | 64.5                         | 583                    |     |
| 6-30   | 100.0        | 100.0  | 99.8  | 98.3  | 86.6 | 58.7 | 30.5 | 13.9 | 1.2  | 64.6                         | 589                    |     |
| 7-25   | 100.0        | 100.0  | 100.0 | 98.5  | 90.9 | 69.5 | 41.3 | 21.3 | 3.9  | 62.3                         | 537                    |     |
| TOTALS | 100.0        | 100.0  | 99.9  | 98.3  | 88.3 | 65.6 | 39.1 | 18.5 | 2.7  | 66.9                         | 4,490                  |     |

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## RELATIVE HUMIDITY

|         |                        |
|---------|------------------------|
| 11721   | INDIAN MOUNTAIN BEU AK |
| STATION | STATION NAME           |

73-82

44 Y

PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

[illegible]



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# RELATIVE HUMIDITY

STATION NAME  
 LITTLE ROCK ARK

77-20

PERIOD

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>EST | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |      |      |      |      |      |      |      |      | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>HOURS |
|--------|--------------|--|------|------|------|------|------|------|------|------|------------------------------|----------------|
|        |              | 10   | 20   | 30   | 40   | 50   | 60   | 70   | 80   | 90   |                              |                |
| 1-7-50 | 100.0        | 100.0  | 99.5 | 99.2 | 98.7 | 97.4 | 94.5 | 86.2 | 76.2 | 64.7 | 51.2                         | 100            |
| 1-8-50 | 100.0        | 100.0  | 99.7 | 98.5 | 97.9 | 96.5 | 93.0 | 85.0 | 75.0 | 63.7 | 50.0                         | 100            |
| 1-9-50 | 100.0        | 100.0  | 99.9 | 98.7 | 98.4 | 96.9 | 93.5 | 85.5 | 75.5 | 64.1 | 50.5                         | 100            |
| 1-11   | 100.0        | 99.7   | 98.7 | 98.1 | 97.8 | 96.1 | 92.5 | 84.5 | 74.7 | 63.7 | 50.0                         | 100            |
| 1-14   | 100.0        | 99.7   | 91.3 | 71.3 | 43.4 | 27.6 | 17.0 | 9.5  | 1.7  | 0.1  | 0.1                          | 100            |
| 1-17   | 100.0        | 99.0   | 90.4 | 67.4 | 44.7 | 27.5 | 15.2 | 8.7  | 0.7  | 0.1  | 0.1                          | 100            |
| 1-20   | 100.0        | 99.0   | 92.5 | 78.0 | 53.6 | 33.5 | 20.9 | 10.7 | 1.5  | 0.0  | 0.0                          | 100            |
| 1-22   | 100.0        | 99.9   | 92.5 | 82.9 | 76.2 | 55.1 | 36.1 | 19.5 | 5.3  | 0.1  | 0.1                          | 100            |
| TOTALS | 100.0        | 99.8   | 98.7 | 95.9 | 89.0 | 76.5 | 51.1 | 26.6 | 10.6 | 4.0  | 0.7                          | 1000           |

USAFETAC

FORM  
 101-62

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## RELATIVE HUMIDITY

73-62

PERIOD

U. L.

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>EST | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |       |      |      |      |      |      |      | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO. OF<br>OBS |
|--------|--------------|--|-------|-------|------|------|------|------|------|------|------------------------------|------------------------|
|        |              | 10   | 20    | 30    | 40   | 50   | 60   | 70   | 80   | 90   |                              |                        |
| JUL    | 7-7          | 100.0  | 100.0 | 100.0 | 99.2 | 95.7 | 85.9 | 69.7 | 41.5 | 16.1 | 76.1                         | 30                     |
|        | 7-10         | 100.0  | 100.0 | 100.0 | 99.7 | 95.7 | 85.4 | 73.1 | 45.1 | 19.4 | 77.4                         | 31                     |
|        | 7-15         | 100.0  | 100.0 | 99.9  | 97.0 | 85.4 | 69.3 | 46.7 | 22.7 | 7.1  | 67.6                         | 300                    |
|        | 7-11         | 100.0  | 99.9  | 99.7  | 97.2 | 87.7 | 44.4 | 26.3 | 13.2 | 3.7  | 69.7                         | 300                    |
|        | 7-14         | 100.0  | 99.7  | 97.9  | 75.4 | 55.2 | 33.5 | 27.4 | 9.7  | 1.4  | 64.6                         | 300                    |
|        | 7-17         | 100.0  | 99.9  | 97.2  | 74.1 | 57.9 | 38.6 | 20.5 | 9.7  | 2.3  | 58.1                         | 748                    |
|        | 7-20         | 100.0  | 100.0 | 98.5  | 76.2 | 63.3 | 48.4 | 29.5 | 12.1 | 7.0  | 61.4                         | 300                    |
|        | 7-23         | 100.0  | 100.0 | 99.3  | 76.2 | 65.3 | 70.2 | 49.7 | 25.4 | 8.2  | 69.3                         | 374                    |
| TOTALS |              | 100.0  | 95.9  | 93.7  | 89.4 | 76.5 | 59.4 | 42.1 | 22.3 | 7.2  | 65.2                         | 1356                   |



40 DEPARTMENT OF DEFENSE  
 100  
 WEATHER SERVICE/100

# RELATIVE HUMIDITY

1700 1011.0 MOUNTAIN, 300 AK  
 STATION

77-92

PERIOD

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>LST | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |      |      |      |      |      |      | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NUMBER<br>OBS |
|--------|--------------|--|-------|------|------|------|------|------|------|------------------------------|------------------------|
|        |              | 10   | 20    | 30   | 40   | 50   | 60   | 70   | 80   |                              |                        |
| 1-10   | 100.0        | 100.0  | 100.0 | 99.3 | 99.4 | 96.5 | 83.9 | 62.4 | 37.6 | 71.1                         | 89                     |
| 1-11   | 100.0        | 100.0  | 100.0 | 99.7 | 99.7 | 98.2 | 93.5 | 65.2 | 35.0 | 63.5                         | 92                     |
| 1-12   | 100.0        | 100.0  | 100.0 | 99.9 | 96.7 | 50.5 | 70.3 | 42.7 | 15.7 | 70.5                         | 93                     |
| 1-13   | 100.0        | 100.0  | 100.0 | 95.1 | 79.7 | 54.9 | 41.3 | 22.7 | 7.4  | 65.0                         | 94                     |
| 1-14   | 100.0        | 100.0  | 99.7  | 5.7  | 67.1 | 46.5 | 31.4 | 15.0 | 1.1  | 60.0                         | 94                     |
| 1-15   | 100.0        | 100.0  | 99.1  | 83.5 | 62.5 | 44.4 | 25.1 | 14.2 | 7.6  | 59.1                         | 91                     |
| 1-16   | 100.0        | 100.0  | 99.6  | 92.6 | 30.7 | 61.3 | 38.3 | 16.6 | 4.2  | 55.0                         | 89                     |
| 1-17   | 100.0        | 100.0  | 100.0 | 9.7  | 96.5 | 87.3 | 69.3 | 74.3 | 9.0  | 75.4                         | 88                     |
| 1-18   |              |  |       |      |      |      |      |      |      |                              |                        |
| 1-19   |              |  |       |      |      |      |      |      |      |                              |                        |
| 1-20   |              |  |       |      |      |      |      |      |      |                              |                        |
| 1-21   |              |  |       |      |      |      |      |      |      |                              |                        |
| 1-22   |              |  |       |      |      |      |      |      |      |                              |                        |
| 1-23   |              |  |       |      |      |      |      |      |      |                              |                        |
| TOTALS |              | 100.0  | 100.0 | 99.6 | 74.7 | 34.7 | 72.5 | 56.7 | 33.0 | 17.9                         | 689                    |

USAFETAC

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AL COLUMBIA UNIVERSITY  
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COLUMBIA UNIVERSITY

## RELATIVE HUMIDITY

STATION NAME

17-24

PERIOD

1. *Chlorophyll a* (Chl *a*)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS<br>LST | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |       |       |      |      |      |      | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO. OF<br>OBS |     |
|-------|--------------|--|-------|-------|-------|------|------|------|------|------------------------------|------------------------|-----|
|       |              | 10   | 20    | 30    | 40    | 50   | 60   | 70   | 80   |                              |                        | 90  |
| 1-22  |              | 100.0  | 100.0 | 99.8  | 98.1  | 97.1 | 92.8 | 73.2 | 55.0 | 24.3                         | 10.0                   | 63  |
| 3-20  |              | 100.0  | 100.0 | 100.0 | 99.1  | 96.0 | 92.2 | 79.6 | 53.1 | 29.7                         | 11.4                   | 89  |
| 5-18  |              | 100.0  | 100.0 | 100.0 | 99.4  | 96.7 | 90.3 | 74.1 | 51.4 | 24.0                         | 79.2                   | 821 |
| 7-11  |              | 100.0  | 100.0 | 99.7  | 98.4  | 93.5 | 73.3 | 55.6 | 32.1 | 11.0                         | 70.3                   | 300 |
| 10-14 |              | 100.0  | 100.0 | 99.8  | 94.1  | 83.0 | 64.4 | 41.3 | 22.5 | 5.6                          | 65.7                   | 694 |
| 12-17 |              | 100.0  | 100.0 | 93.1  | 74.4  | 57.6 | 64.0 | 41.5 | 22.8 | 5.4                          | 66.5                   | 661 |
| 1-20  |              | 100.0  | 100.0 | 99.4  | 97.9  | 93.8 | 80.3 | 57.1 | 34.0 | 14.7                         | 71.1                   | 777 |
| 1-23  |              | 100.0  | 100.0 | 100.0 | 100.0 | 99.1 | 94.8 | 75.0 | 43.8 | 21.3                         | 70.3                   | 552 |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |
|       |              |  |       |       |       |      |      |      |      |                              |                        |     |



1. CLIMATOLOGY BRANCH  
2. METEOROLOGICAL SERVICE  
3. METEOROLOGICAL SERVICE

# RELATIVE HUMIDITY

17 INDIAN MOUNTAIN AFB, AK  
STATION

73-82

PERIOD

107 MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>LST | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |       |       |      |      |      |      |      | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO. OF<br>OBS |
|--------|--------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|------------------------|
|        |              | 10   | 20    | 30    | 40    | 50   | 60   | 70   | 80   | 90   |                              |                        |
| 107    | 00-01        | 100.0  | 100.0 | 100.0 | 99.6  | 97.8 | 93.7 | 78.6 | 47.0 | 17.4 | 79.7                         | 910                    |
|        | 02-03        | 100.0  | 100.0 | 100.0 | 99.3  | 98.1 | 94.9 | 80.9 | 49.5 | 20.0 | 80.0                         | 910                    |
|        | 04-05        | 100.0  | 100.0 | 100.0 | 99.8  | 99.2 | 96.2 | 83.3 | 49.7 | 19.6 | 80.4                         | 915                    |
|        | 06-07        | 100.0  | 100.0 | 100.0 | 99.5  | 97.7 | 91.2 | 72.6 | 42.5 | 13.2 | 77.0                         | 919                    |
|        | 08-09        | 100.0  | 100.0 | 99.8  | 99.1  | 96.5 | 86.6 | 65.7 | 35.3 | 9.0  | 74.9                         | 921                    |
|        | 10-11        | 100.0  | 100.0 | 99.8  | 99.5  | 98.3 | 91.1 | 71.0 | 43.5 | 13.9 | 77.1                         | 966                    |
|        | 12-13        | 100.0  | 100.0 | 100.0 | 100.0 | 99.5 | 96.4 | 75.8 | 40.4 | 11.1 | 77.8                         | 919                    |
|        | 14-15        | 100.0  | 100.0 | 100.0 | 99.8  | 99.7 | 96.3 | 81.1 | 48.0 | 15.3 | 79.6                         | 952                    |
|        | 16-17        |  |       |       |       |      |      |      |      |      |                              |                        |
|        | 18-19        |  |       |       |       |      |      |      |      |      |                              |                        |
|        | 20-21        |  |       |       |       |      |      |      |      |      |                              |                        |
|        | 22-23        |  |       |       |       |      |      |      |      |      |                              |                        |
|        | 24-25        |  |       |       |       |      |      |      |      |      |                              |                        |
|        | 26-27        |  |       |       |       |      |      |      |      |      |                              |                        |
|        | 28-29        |  |       |       |       |      |      |      |      |      |                              |                        |
|        | 30-31        |  |       |       |       |      |      |      |      |      |                              |                        |
| TOTALS |              | 100.0  | 100.0 | 100.0 | 99.6  | 98.4 | 93.3 | 76.1 | 44.6 | 14.9 | 78.2                         | 6731                   |

USAFETAC

FORM  
UI 64

0-87-5 (OL A)



547. SERVICE/AC

## RELATIVE HUMIDITY

INDIAN MOUNTAIN AFB AK

73-A2

PERIOD

20

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

[illegible]



2  
 AL CLIMATE DATA  
 WEATHER SERVICE (WAC)

# RELATIVE HUMIDITY

77 INDIAN MOUNTAIN AFB AL  
 STATION NAME

77-82

PERIOD

OFFICE

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH     | HOURS<br>LST | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |       |      |      |      |      |      | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO. OF<br>OBS |      |
|-----------|--------------|--|-------|-------|------|------|------|------|------|------------------------------|------------------------|------|
|           |              | 10   | 20    | 30    | 40   | 50   | 60   | 70   | 80   |                              |                        | 90   |
| JAN       | 01-01        | 100.0  | 100.0 | 99.6  | 98.9 | 96.6 | 89.1 | 65.6 | 34.5 | 6.5                          | 74.0                   | 134  |
|           | 01-05        | 100.0  | 100.0 | 99.9  | 93.7 | 96.8 | 90.0 | 65.5 | 36.5 | 9.0                          | 74.9                   | 154  |
|           | 01-09        | 100.0  | 99.9  | 99.7  | 99.2 | 96.0 | 89.3 | 65.2 | 37.6 | 8.0                          | 74.8                   | 167  |
|           | 01-11        | 100.0  | 99.3  | 99.7  | 98.6 | 96.0 | 87.7 | 66.4 | 36.2 | 5.9                          | 74.0                   | 173  |
|           | 01-14        | 100.0  | 100.0 | 100.0 | 98.8 | 95.2 | 86.4 | 63.5 | 34.5 | 4.4                          | 73.0                   | 167  |
|           | 01-17        | 100.0  | 100.0 | 99.5  | 98.3 | 94.3 | 85.9 | 61.8 | 30.7 | 3.7                          | 72.8                   | 160  |
|           | 01-21        | 100.0  | 100.0 | 99.7  | 98.6 | 94.2 | 83.5 | 56.9 | 24.7 | 3.4                          | 71.7                   | 156  |
|           | 01-23        | 100.0  | 100.0 | 100.0 | 99.4 | 95.0 | 87.1 | 62.6 | 29.2 | 3.4                          | 73.0                   | 163  |
| FEB       | 02-01        | 100.0  | 100.0 | 99.6  | 98.9 | 96.6 | 89.1 | 65.6 | 34.5 | 6.5                          | 74.0                   | 134  |
|           | 02-05        | 100.0  | 100.0 | 99.9  | 93.7 | 96.8 | 90.0 | 65.5 | 36.5 | 9.0                          | 74.9                   | 154  |
|           | 02-09        | 100.0  | 99.9  | 99.7  | 99.2 | 96.0 | 89.3 | 65.2 | 37.6 | 8.0                          | 74.8                   | 167  |
|           | 02-11        | 100.0  | 99.3  | 99.7  | 98.6 | 96.0 | 87.7 | 66.4 | 36.2 | 5.9                          | 74.0                   | 173  |
| MARCH     | 03-01        | 100.0  | 100.0 | 99.6  | 98.9 | 96.6 | 89.1 | 65.6 | 34.5 | 6.5                          | 74.0                   | 134  |
|           | 03-05        | 100.0  | 100.0 | 99.9  | 93.7 | 96.8 | 90.0 | 65.5 | 36.5 | 9.0                          | 74.9                   | 154  |
|           | 03-09        | 100.0  | 99.9  | 99.7  | 99.2 | 96.0 | 89.3 | 65.2 | 37.6 | 8.0                          | 74.8                   | 167  |
|           | 03-11        | 100.0  | 99.3  | 99.7  | 98.6 | 96.0 | 87.7 | 66.4 | 36.2 | 5.9                          | 74.0                   | 173  |
| APRIL     | 04-01        | 100.0  | 100.0 | 99.6  | 98.9 | 96.6 | 89.1 | 65.6 | 34.5 | 6.5                          | 74.0                   | 134  |
|           | 04-05        | 100.0  | 100.0 | 99.9  | 93.7 | 96.8 | 90.0 | 65.5 | 36.5 | 9.0                          | 74.9                   | 154  |
|           | 04-09        | 100.0  | 99.9  | 99.7  | 99.2 | 96.0 | 89.3 | 65.2 | 37.6 | 8.0                          | 74.8                   | 167  |
|           | 04-11        | 100.0  | 99.3  | 99.7  | 98.6 | 96.0 | 87.7 | 66.4 | 36.2 | 5.9                          | 74.0                   | 173  |
| MAY       | 05-01        | 100.0  | 100.0 | 99.6  | 98.9 | 96.6 | 89.1 | 65.6 | 34.5 | 6.5                          | 74.0                   | 134  |
|           | 05-05        | 100.0  | 100.0 | 99.9  | 93.7 | 96.8 | 90.0 | 65.5 | 36.5 | 9.0                          | 74.9                   | 154  |
|           | 05-09        | 100.0  | 99.9  | 99.7  | 99.2 | 96.0 | 89.3 | 65.2 | 37.6 | 8.0                          | 74.8                   | 167  |
|           | 05-11        | 100.0  | 99.3  | 99.7  | 98.6 | 96.0 | 87.7 | 66.4 | 36.2 | 5.9                          | 74.0                   | 173  |
| JUNE      | 06-01        | 100.0  | 100.0 | 99.6  | 98.9 | 96.6 | 89.1 | 65.6 | 34.5 | 6.5                          | 74.0                   | 134  |
|           | 06-05        | 100.0  | 100.0 | 99.9  | 93.7 | 96.8 | 90.0 | 65.5 | 36.5 | 9.0                          | 74.9                   | 154  |
|           | 06-09        | 100.0  | 99.9  | 99.7  | 99.2 | 96.0 | 89.3 | 65.2 | 37.6 | 8.0                          | 74.8                   | 167  |
|           | 06-11        | 100.0  | 99.3  | 99.7  | 98.6 | 96.0 | 87.7 | 66.4 | 36.2 | 5.9                          | 74.0                   | 173  |
| JULY      | 07-01        | 100.0  | 100.0 | 99.6  | 98.9 | 96.6 | 89.1 | 65.6 | 34.5 | 6.5                          | 74.0                   | 134  |
|           | 07-05        | 100.0  | 100.0 | 99.9  | 93.7 | 96.8 | 90.0 | 65.5 | 36.5 | 9.0                          | 74.9                   | 154  |
|           | 07-09        | 100.0  | 99.9  | 99.7  | 99.2 | 96.0 | 89.3 | 65.2 | 37.6 | 8.0                          | 74.8                   | 167  |
|           | 07-11        | 100.0  | 99.3  | 99.7  | 98.6 | 96.0 | 87.7 | 66.4 | 36.2 | 5.9                          | 74.0                   | 173  |
| AUGUST    | 08-01        | 100.0  | 100.0 | 99.6  | 98.9 | 96.6 | 89.1 | 65.6 | 34.5 | 6.5                          | 74.0                   | 134  |
|           | 08-05        | 100.0  | 100.0 | 99.9  | 93.7 | 96.8 | 90.0 | 65.5 | 36.5 | 9.0                          | 74.9                   | 154  |
|           | 08-09        | 100.0  | 99.9  | 99.7  | 99.2 | 96.0 | 89.3 | 65.2 | 37.6 | 8.0                          | 74.8                   | 167  |
|           | 08-11        | 100.0  | 99.3  | 99.7  | 98.6 | 96.0 | 87.7 | 66.4 | 36.2 | 5.9                          | 74.0                   | 173  |
| SEPTEMBER | 09-01        | 100.0  | 100.0 | 99.6  | 98.9 | 96.6 | 89.1 | 65.6 | 34.5 | 6.5                          | 74.0                   | 134  |
|           | 09-05        | 100.0  | 100.0 | 99.9  | 93.7 | 96.8 | 90.0 | 65.5 | 36.5 | 9.0                          | 74.9                   | 154  |
|           | 09-09        | 100.0  | 99.9  | 99.7  | 99.2 | 96.0 | 89.3 | 65.2 | 37.6 | 8.0                          | 74.8                   | 167  |
|           | 09-11        | 100.0  | 99.3  | 99.7  | 98.6 | 96.0 | 87.7 | 66.4 | 36.2 | 5.9                          | 74.0                   | 173  |
| OCTOBER   | 10-01        | 100.0  | 100.0 | 99.6  | 98.9 | 96.6 | 89.1 | 65.6 | 34.5 | 6.5                          | 74.0                   | 134  |
|           | 10-05        | 100.0  | 100.0 | 99.9  | 93.7 | 96.8 | 90.0 | 65.5 | 36.5 | 9.0                          | 74.9                   | 154  |
|           | 10-09        | 100.0  | 99.9  | 99.7  | 99.2 | 96.0 | 89.3 | 65.2 | 37.6 | 8.0                          | 74.8                   | 167  |
|           | 10-11        | 100.0  | 99.3  | 99.7  | 98.6 | 96.0 | 87.7 | 66.4 | 36.2 | 5.9                          | 74.0                   | 173  |
| NOVEMBER  | 11-01        | 100.0  | 100.0 | 99.6  | 98.9 | 96.6 | 89.1 | 65.6 | 34.5 | 6.5                          | 74.0                   | 134  |
|           | 11-05        | 100.0  | 100.0 | 99.9  | 93.7 | 96.8 | 90.0 | 65.5 | 36.5 | 9.0                          | 74.9                   | 154  |
|           | 11-09        | 100.0  | 99.9  | 99.7  | 99.2 | 96.0 | 89.3 | 65.2 | 37.6 | 8.0                          | 74.8                   | 167  |
|           | 11-11        | 100.0  | 99.3  | 99.7  | 98.6 | 96.0 | 87.7 | 66.4 | 36.2 | 5.9                          | 74.0                   | 173  |
| DECEMBER  | 12-01        | 100.0  | 100.0 | 99.6  | 98.9 | 96.6 | 89.1 | 65.6 | 34.5 | 6.5                          | 74.0                   | 134  |
|           | 12-05        | 100.0  | 100.0 | 99.9  | 93.7 | 96.8 | 90.0 | 65.5 | 36.5 | 9.0                          | 74.9                   | 154  |
|           | 12-09        | 100.0  | 99.9  | 99.7  | 99.2 | 96.0 | 89.3 | 65.2 | 37.6 | 8.0                          | 74.8                   | 167  |
|           | 12-11        | 100.0  | 99.3  | 99.7  | 98.6 | 96.0 | 87.7 | 66.4 | 36.2 | 5.9                          | 74.0                   | 173  |
| TOTALS    |              | 100.0  | 100.0 | 99.9  | 98.9 | 95.6 | 87.4 | 63.6 | 33.0 | 5.5                          | 73.7                   | 6414 |



AL CLIMATOLOGY BRANCH  
 LTAC  
 WEATHER SERVICE/440

# RELATIVE HUMIDITY

STATION: INDIAN MOUNTAIN AFB AR  
 STATION NAME

77-82

PERIOD

ALL  
 MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS<br>LST | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |       |       |      |      |      |      |      |      | MEAN<br>RELATIVE<br>HUMIDITY | TOTAL<br>NO. OF<br>OBS |
|--------|--------------|--|-------|-------|------|------|------|------|------|------|------------------------------|------------------------|
|        |              | 10%  | 20%   | 30%   | 40%  | 50%  | 60%  | 70%  | 80%  | 90%  |                              |                        |
| JAN    | ALL          | 100.0  | 100.0 | 99.6  | 97.9 | 95.5 | 87.0 | 62.3 | 22.3 | 3.6  | 70.4                         | 6076                   |
| FEB    |              | 100.0  | 100.0 | 99.9  | 99.1 | 93.6 | 79.3 | 53.0 | 21.0 | 2.9  | 70.4                         | 5154                   |
| MAR    |              | 100.0  | 100.0 | 99.9  | 99.1 | 92.9 | 71.0 | 44.9 | 16.0 | 1.2  | 67.1                         | 5294                   |
| APR    |              | 100.0  | 100.0 | 99.9  | 98.3 | 88.3 | 65.6 | 39.1 | 18.0 | 2.7  | 66.4                         | 5084                   |
| MAY    |              | 100.0  | 99.7  | 97.7  | 87.6 | 67.4 | 44.3 | 21.7 | 8.7  | 1.9  | 64.0                         | 5711                   |
| JUN    |              | 100.0  | 99.0  | 95.0  | 85.9 | 69.0 | 49.5 | 31.1 | 16.6 | 4.9  | 61.7                         | 6426                   |
| JUL    |              | 100.0  | 99.9  | 97.0  | 89.4 | 76.5 | 59.4 | 42.0 | 22.6 | 7.2  | 65.2                         | 6350                   |
| AUG    |              | 100.0  | 100.0 | 99.6  | 94.7 | 84.7 | 72.5 | 56.7 | 33.0 | 10.9 | 70.7                         | 6098                   |
| SEP    |              | 100.0  | 100.0 | 99.4  | 97.7 | 92.6 | 82.2 | 62.8 | 40.7 | 17.4 | 74.8                         | 6013                   |
| OCT    |              | 100.0  | 100.0 | 100.0 | 99.6 | 93.4 | 83.3 | 76.1 | 44.6 | 14.9 | 73.2                         | 6731                   |
| NOV    |              | 100.0  | 100.0 | 99.8  | 99.1 | 97.1 | 92.5 | 79.4 | 40.8 | 8.5  | 77.1                         | 6017                   |
| DEC    |              | 100.0  | 100.0 | 99.8  | 98.9 | 95.6 | 87.4 | 63.6 | 33.1 | 5.5  | 73.7                         | 6410                   |
| TOTALS |              | 100.0  | 100.0 | 99.1  | 95.5 | 87.6 | 73.5 | 52.8 | 26.5 | 6.9  | 69.7                         | 77798                  |

USAFETAC

FORM  
 JUL 64

0-87-5 (OL A)



U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

# PART F

## PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.

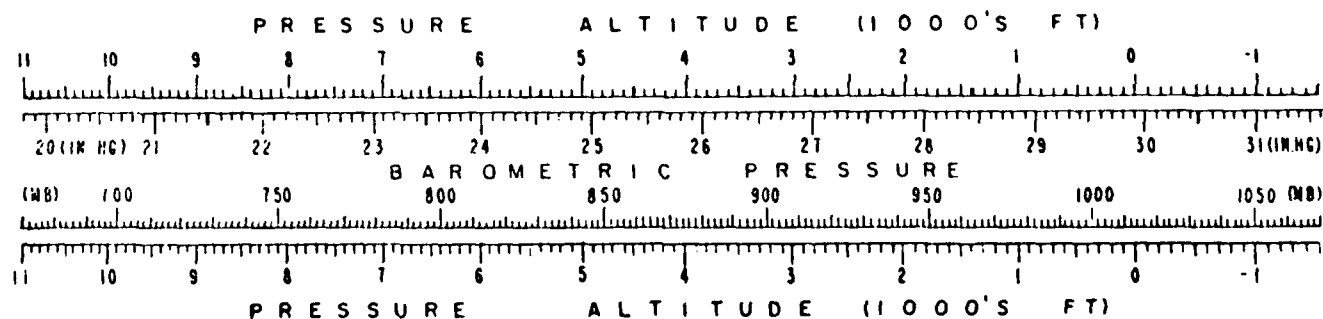
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.





ALBUQUERQUE BRANCH  
 1000 FT  
 1000 FT SEP 10/1940

# MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

STATION NAME: JUNIPER MOUNTAIN REF. AK

73-27

YEAR

|           | JAN      | FEB      | MAR      | APR      | MAY      | JUN      | JUL      | AUG      | SEP      | OCT      | NOV      | DEC   | ANNUAL |
|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-------|--------|
| MEAN      | 26.46228 | 26.43928 | 26.41928 | 26.46128 | 26.45428 | 26.49728 | 26.51528 | 26.52528 | 26.41528 | 26.31028 | 26.35828 | 26.39 | 26.44  |
| STDEV     | .401     | .414     | .256     | .267     | .220     | .169     | .160     | .196     | .223     | .284     | .359     | .401  | .279   |
| TOTAL OBS | 270      | 278      | 310      | 299      | 301      | 287      | 300      | 300      | 290      | 300      | 296      | 294   | 3058   |
| MEAN      | 26.44128 | 26.48528 | 26.41728 | 26.46028 | 26.46228 | 26.49428 | 26.52328 | 26.52828 | 26.41628 | 26.30928 | 26.35428 | 26.39 | 26.44  |
| STDEV     | .403     | .413     | .256     | .269     | .220     | .168     | .162     | .199     | .223     | .282     | .361     | .401  | .279   |
| TOTAL OBS | 270      | 279      | 310      | 299      | 303      | 294      | 300      | 300      | 290      | 300      | 290      | 288   | 3058   |
| MEAN      | 26.47228 | 26.48628 | 26.41328 | 26.46528 | 26.46828 | 26.51028 | 26.52928 | 26.53528 | 26.42228 | 26.30728 | 26.35728 | 26.39 | 26.44  |
| STDEV     | .401     | .411     | .255     | .269     | .221     | .168     | .162     | .199     | .223     | .280     | .361     | .401  | .279   |
| TOTAL OBS | 270      | 279      | 310      | 299      | 304      | 294      | 300      | 300      | 297      | 307      | 290      | 288   | 3058   |
| MEAN      | 26.44828 | 26.49528 | 26.42528 | 26.47028 | 26.46528 | 26.49828 | 26.53228 | 26.54028 | 26.43128 | 26.31728 | 26.36528 | 26.39 | 26.44  |
| STDEV     | .397     | .419     | .255     | .269     | .220     | .168     | .161     | .197     | .224     | .277     | .360     | .401  | .279   |
| TOTAL OBS | 270      | 280      | 310      | 299      | 304      | 291      | 300      | 300      | 298      | 307      | 290      | 281   | 3058   |
| MEAN      | 26.47228 | 26.42228 | 26.42228 | 26.46728 | 26.45528 | 26.48628 | 26.52028 | 26.53028 | 26.42128 | 26.31328 | 26.36118 | 26.39 | 26.44  |
| STDEV     | .394     | .410     | .254     | .268     | .219     | .170     | .160     | .195     | .221     | .278     | .361     | .401  | .279   |
| TOTAL OBS | 270      | 279      | 310      | 299      | 301      | 295      | 300      | 300      | 298      | 307      | 290      | 290   | 3058   |
| MEAN      | 26.44228 | 26.49228 | 26.41028 | 26.46128 | 26.43728 | 26.47628 | 26.51328 | 26.51428 | 26.40228 | 26.30128 | 26.34528 | 26.39 | 26.44  |
| STDEV     | .401     | .416     | .255     | .265     | .213     | .169     | .167     | .195     | .220     | .290     | .365     | .401  | .279   |
| TOTAL OBS | 270      | 262      | 309      | 293      | 266      | 262      | 241      | 304      | 279      | 279      | 290      | 270   | 3058   |
| MEAN      | 26.47328 | 26.50028 | 26.33528 | 26.46928 | 26.44928 | 26.47728 | 26.50628 | 26.50328 | 26.40628 | 26.29128 | 26.35428 | 26.39 | 26.44  |
| STDEV     | .411     | .416     | .247     | .273     | .215     | .166     | .146     | .195     | .210     | .284     | .367     | .401  | .279   |
| TOTAL OBS | 175      | 172      | 227      | 195      | 214      | 237      | 190      | 224      | 233      | 199      | 213      | 201   | 2477   |
| MEAN      | 26.44428 | 26.49328 | 26.40128 | 26.45328 | 26.44428 | 26.48228 | 26.51428 | 26.50828 | 26.39728 | 26.29128 | 26.34528 | 26.39 | 26.44  |
| STDEV     | .398     | .399     | .243     | .269     | .213     | .170     | .159     | .195     | .223     | .279     | .361     | .401  | .279   |
| TOTAL OBS | 200      | 207      | 279      | 269      | 273      | 249      | 242      | 266      | 242      | 254      | 243      | 265   | 2997   |
| MEAN      | 26.47828 | 26.49128 | 26.41328 | 26.46228 | 26.45528 | 26.48828 | 26.52028 | 26.52428 | 26.41528 | 26.30528 | 26.35528 | 26.39 | 26.44  |
| STDEV     | .400     | .410     | .253     | .268     | .213     | .169     | .159     | .197     | .221     | .295     | .361     | .401  | .279   |
| TOTAL OBS | 2000     | 2036     | 2365     | 2242     | 2270     | 2199     | 2181     | 2334     | 2239     | 2265     | 2215     | 2201  | 2667   |



W. AL. CLIMATE - ANCH  
 1950  
 1951

# MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MB FROM HOURLY OBSERVATIONS

17 INDIAN MOUNTAIN AFB AK

73-85

|         | JAN   | FEB  | MAR    | APR   | MAY   | JUN   | JUL   | AUG   | SEP   | OCT    | NOV    | DEC    | ANNUAL |
|---------|---|--|--------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| MEAN    | 1013.1  | 1013.31009.91010.51009.01009.71010.61011.31007.91009.11009.01010.4 | 1009.7 |       |       |       |       |       |       |        |        |        |        |
| STDEV   | 1.1   | 1.14.979   | 9.196  | 9.725 | 7.794 | 8.111 | 5.784 | 6.940 | 7.973 | 10.240 | 10.107 | 15.180 | 10.100 |
| NO. OBS | 278   | 278  | 310    | 299   | 303   | 287   | 300   | 300   | 295   | 300    | 295    | 294    | 3150   |
| MEAN    | 1013.01013.31009.91010.61009.31010.01010.41011.21007.91009.01007.91010.4    | 1009.7   |        |       |       |       |       |       |       |        |        |        |        |
| STDEV   | 1.1   | 1.14.976   | 9.103  | 9.736 | 7.793 | 8.060 | 5.853 | 7.150 | 8.000 | 10.100 | 10.100 | 15.180 | 10.100 |
| NO. OBS | 278   | 279  | 310    | 299   | 303   | 294   | 300   | 300   | 295   | 300    | 295    | 291    | 3150   |
| MEAN    | 1013.01013.41010.01010.71009.41010.11011.01011.01009.11009.021009.11009.0   | 1009.7   |        |       |       |       |       |       |       |        |        |        |        |
| STDEV   | 1.1   | 1.14.944   | 9.196  | 9.813 | 7.824 | 8.020 | 5.831 | 7.041 | 7.990 | 10.110 | 10.110 | 15.180 | 10.100 |
| NO. OBS | 278   | 279  | 310    | 299   | 304   | 294   | 300   | 300   | 297   | 307    | 298    | 294    | 3150   |
| MEAN    | 1013.01013.51010.21010.01009.41010.11011.11011.01009.01009.001009.01010.0   | 1009.7   |        |       |       |       |       |       |       |        |        |        |        |
| STDEV   | 1.1   | 1.14.849   | 9.177  | 9.701 | 7.809 | 8.013 | 5.778 | 6.964 | 8.000 | 10.110 | 10.110 | 15.180 | 10.100 |
| NO. OBS | 278   | 280  | 310    | 299   | 304   | 291   | 300   | 300   | 295   | 307    | 294    | 295    | 3150   |
| MEAN    | 1013.021013.31010.01010.71009.01009.71010.01011.01009.01009.01010.0         | 1009.7   |        |       |       |       |       |       |       |        |        |        |        |
| STDEV   | 1.1   | 1.14.300   | 9.107  | 9.740 | 7.786 | 8.093 | 5.793 | 6.919 | 7.921 | 10.110 | 10.110 | 15.180 | 10.100 |
| NO. OBS | 278   | 279  | 310    | 299   | 303   | 284   | 300   | 300   | 295   | 307    | 296    | 290    | 3150   |
| MEAN    | 1013.01013.41009.71010.021009.41009.01010.041010.041007.31004.91007.01010.0 | 1009.7   |        |       |       |       |       |       |       |        |        |        |        |
| STDEV   | 1.1   | 1.14.705   | 9.160  | 9.155 | 9.642 | 7.748 | 8.053 | 5.896 | 6.943 | 7.894  | 10.477 | 10.338 | 14.907 |
| NO. OBS | 278   | 262  | 307    | 293   | 260   | 262   | 240   | 304   | 279   | 277    | 230    | 270    | 3150   |
| MEAN    | 1012.71013.71009.01010.091008.71009.01010.01010.01007.51004.21007.91011.0   | 1009.7   |        |       |       |       |       |       |       |        |        |        |        |
| STDEV   | 1.1   | 1.14.073   | 15.178 | 8.396 | 9.930 | 7.715 | 8.024 | 5.300 | 6.989 | 7.603  | 10.214 | 10.444 | 15.171 |
| NO. OBS | 170   | 172  | 327    | 185   | 214   | 217   | 198   | 224   | 233   | 199    | 213    | 200    | 2477   |
| MEAN    | 1011.01013.21009.021010.41009.61009.01010.01010.01007.21004.41007.41011.0   | 1009.7   |        |       |       |       |       |       |       |        |        |        |        |
| STDEV   | 1.1   | 1.14.009   | 14.444 | 8.709 | 9.799 | 7.579 | 8.149 | 5.752 | 6.911 | 8.135  | 9.960  | 10.263 | 15.100 |
| NO. OBS | 200   | 207  | 279    | 268   | 273   | 249   | 242   | 268   | 242   | 254    | 243    | 280    | 2990   |
| MEAN    | 1011.01013.41009.81010.061009.01009.71010.01011.11007.81009.01007.91010.0   | 1009.7   |        |       |       |       |       |       |       |        |        |        |        |
| STDEV   | 1.1   | 1.14.886   | 9.102  | 9.750 | 7.750 | 8.064 | 5.743 | 6.971 | 7.934 | 10.274 | 10.194 | 15.100 | 10.100 |
| NO. OBS | 278   | 2030   | 2365   | 2241  | 2270  | 2128  | 2180  | 2334  | 2278  | 2260   | 2114   | 2261   | 25660  |

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